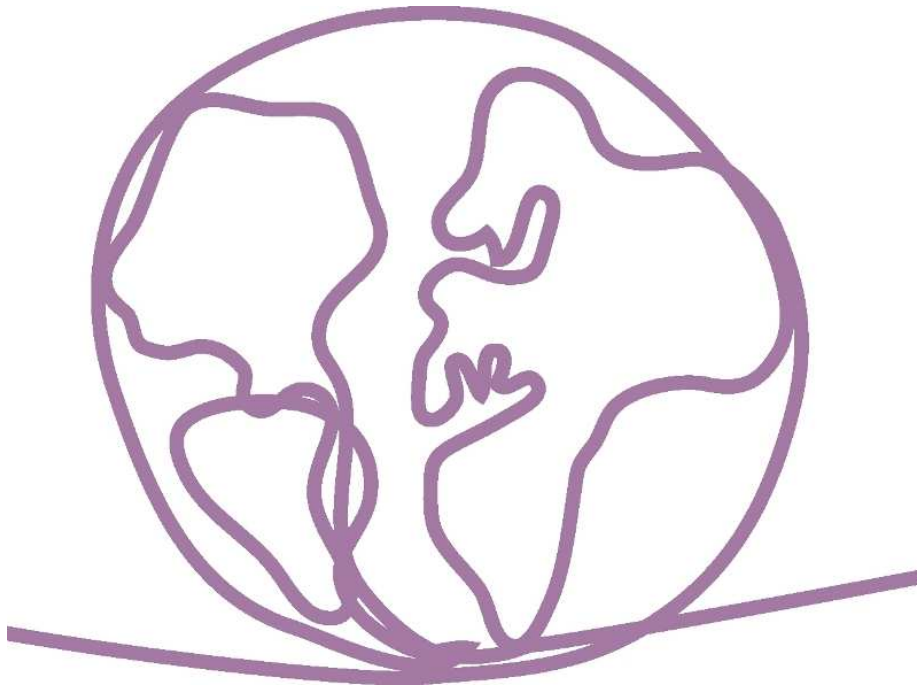


REWORK

YOUTH · ENTREPRENEURSHIP · SUSTAINABILITY

TÄLLBERG FOUNDATION - YES INC.
Blasieholmstorg 8, SE111 48 Stockholm, Sweden
Tel: +46 (8) 440 56 90, Fax: +46 (8) 611 5006
www.reworktheworld.org



LIST OF PROJECTS

5th Global YES Summit
Rework the World
2 - 5 June, 2010

This document provides you with short descriptions of most of the initiatives which are present and participating at the summit. We have listed the organisations in alphabetical order.

Adapto Sertao / REDEH, Brazil

Social technologies for climate change adaptation

More than 10 million people live in poverty in the dry north-eastern Brazil, known as the 'Sertao', and are being further impacted by the effects of climate change and drought. Adapta Sertao is kick-starting an agricultural economy at the base of the pyramid, working with leading international companies with efficient drip irrigation systems, and mobilizing the skills and mindsets of communities, governments, universities and financial institutions in support of building the capacity of small farmer cooperatives to buy and finance irrigation kits, and to skill up with water efficient methods for agriculture. Winner of multiple international awards for their pilot projects, such as the International SEED Award, Adapta Sertao is now gearing to scale up their vision through the micro-franchising of the effort and the bundling of technology kits and skills building programs, decentralized through farmer cooperatives.

International Copper Association, Brazil

Rewiring Brazilian slums

Amovens, Spain

Youth-led business to reduce emissions and traffic in cities through a large-scale car-sharing marketplace

Amovens is a carpooling platform which enables people who have similar itineraries to share one car instead of driving alone. This is good both for individuals who engage in this practice and for the society in general: it allows cutting carbon emissions, saving money, and it is a way of generating social capital. Users can post and search rides on amovens.com, or through their company or university amovens carpooling platform. This works both for long journeys and for commutes. Amovens offers services to any type of institution that wishes to help its members have a smart alternative to go to work or study. Launched in the summer of 2009, as of May 2010, Amovens offers services to five universities, seventy companies, and fifteen festivals in Spain. It is now ready to expand both in its country of origin and beyond. Amovens is also preparing various kinds of collaborations to boost its number of users and maximise the impact it has.

Aqua Beauty Salon, India

Services and small scale units for domestic waste water treatment

ABS provides services for domestic waste water recycling; by providing consultancy services for the design & installation of plants to institutions; and selling precast modular waste water treatment systems at both household and institutional level. ABS offers services for designing, installation, operation and maintenance of decentralized sewer waste water treatment systems (DEWATS) in India. The system operates on physical and biological treatments only with no use of electricity, thus running on minimal operation and maintenance costs. ABS plans to offer PPP to urban local bodies and institutions through support in installation as well as operation and maintenance, thus reducing financial and managerial burden specifically on small-medium urban local bodies. The treated water has good economical value for use in irrigation, construction and some domestic purposes. The major source of income for such projects would be sale of treated water and advertisement

and hoarding rights. ABS also plans to introduce precast-modular sewer water treatment systems at household level.

Arterial Network, Senegal

Creating a system to support entrepreneurs and investors in the cultural and creative industries

The Arterial Network was launched at a conference on Goiree Island, Senegal in March 2007, with the theme Vitalising African Cultural Assets. The Conference took place against the backdrop of the adoption of UNESCO's Convention on the Protection and Promotion of the Diversity of Cultural Expressions; the challenge was to position African artists, creative practice and cultural industries so that they could benefit from the recommendations of the Convention and assert their place on the global stage and in the global creative economy. The vision of ARTERIAL NETWORK is of a vibrant, dynamic and sustainable African creative civil society sector engaged in qualitative practice in the arts in their own right, as well as in a manner that contributes to development, to the eradication of poverty, to human rights and to democracy on the African continent.

Asociación Civil Caja Lúdica, Latin America

Community development through youth led art and culture initiatives

Guatemala is a country with a history of violence. The 36 year civil war ended in 1996 having witnessed the deaths and disappearance of over 300,000 people with indigenous Mayans bearing the brunt of the violence. Shockingly, since the end of the civil war, levels of violence have actually risen, particularly for youths. Half of all children under the age of five are malnourished – the sixth highest rate in the world, 60% of young people have no access to education, health, recreation or jobs and 420,000 young people are involved with gangs and the organized crime. Caja Lúdica is a youth arts collective, teaching performing arts, carnival skills and also facilitating University Educative Processes in Comunitary Cultural Animation and Cultural Management to youngsters across Guatemala. Promoting the organization and leadership of youth and children. Creating over 2,500 alternative jobs in 10 years and dignifying community arts and culture. It was formed in 2000 building peace and social cohesion in a very violent society and estimates to have reached 100,000 young people so far and by 2015 expects to create over 1,500 jobs. Caja Lúdica uses the arts as a vehicle for growth, self-discovery and peace-building. The artistic processes, carnival coaching sessions and creative approach of weaving and reconstructing the Guatemalan social fabric aim to reach out to youngsters living on the very margins of society, and help them find their way back to the fold as positive, proactive Guatemalan citizens – and potential future leaders.

Bamyan Media, Afghanistan

Promoting social entrepreneurship through reality TV

Social entrepreneurs are pioneering breakthrough solutions to some of the world's most difficult problems and we clearly need more of these leaders—fast. But the majority of young people have never heard of a social enterprise, nor imagined starting one. We endeavor to harness the power of mass media to inspire a new generation of youth leaders and accelerate the spread of social innovation and sustainability. Bamyan Media globally distributes and co-produces a Reality TV series that rewards the courage, initiative, and

creativity of social entrepreneurs, while teaching the skills needed to lead a successful business. Part entertaining “reality contest” and part “docu-drama,” the TV series stages a nationwide search for social entrepreneurs, who pitch their ideas to a panel of judges. Contestants are filmed as they implement their projects, while receiving expert help and assistance tailored to their venture’s needs. Judges, and viewers using SMS messaging, vote each week to choose the finalists. From start to finish, thousands of applicants are connected to a variety of local resources ranging from training programs and microloans to capital investments and international recognition. Our 13-part pilot series has already been produced and aired in Afghanistan in 2008, where it became the surprise #1 hit of the season, watched by millions of Afghans. In the next 3 years, Bamyam Media aims to launch the series in 5 new territories including Bangladesh and Kenya; contributing to the development and support of thousands of new businesses, and reaching a potential of 350 million viewers.

Base Camp, Africa

Eco-tourism for sustainable job creation

Basecamp Explorer is a network of sustainable tourism destinations. Through Basecamp Foundation we develop community and conservation projects around the world. The Masai Mara ecosystem is now under severe stress by non-sustainable land use leading to fragmentation and loss of the savannah ecosystem. The consequences are poverty, lack of alternative livelihoods and loss of “sense of place” for an entire culture. As a result over 500 local Maasai landowners have invited Basecamp to join forces and counteract these threats. A new trend within community driven wildlife conservation is emerging. We call it Naboisho - “coming together”. The initiative is anchored on community participation through entrepreneurship and business partnership, integrating wildlife management, responsible tourism and social development. The partnership is long-term, based on values such as: transparency (lease-payment is channeled directly to each landowner), democracy, participatory planning (grazing management), green job creation and capacity building. At the heart of the conservancy is Koyaki Guide School, a centre for training and education of future Maasai guides and managers. Fairtrade produced beadworks secures income for women. “Travelers Philanthropy” is Basecamp’s alternative to tourism charity. The result: Scholarships, tree-planting, health-improvement and HIV/AIDS awareness. Through micro finance, revolving funds and “green villages” we introduce various forms of entrepreneurship and alternative livelihoods. The Naboisho Conservancy can create more than 400 green jobs. 500 landowners are already benefitting through land rent. The conservancy covers 45.000 Ha, Naboisho being at the core with 20.000 Ha, bridging neighboring areas. Ecotourism initiatives ensure low impact profitable businesses. Basecamp leads the way in this effort being the first East African Gold rated tourism operation. Together with our partners, our ambition is to grow this concept global.

BiD Challenge, Global

Preparing entrepreneurs in emerging markets for investors

BiD Network contributes to sustainable economic growth by stimulating entrepreneurship in emerging markets. BiD Network focuses on small and medium sized enterprises. BiD Network supports entrepreneurs in getting ready for investors. Coaching is offered to support them on writing their business plans. The best entrepreneurs gain access to investors in our network. Since 2005 BiD Network has helped start over 300 businesses and has matched them with over 5 million Euros from investors. BiD Network focuses on growth

and innovative SMEs and aims at mobilising finance in order to stimulate entrepreneurship, create jobs, and deliver returns to investors. While social and environmental returns being important, a sustainable business must be profitable first. All entrepreneurs seek investment between 10,000 and 1,000,000 USD. BiD Network offers private investors and focused SME funds access to a portfolio of well-prepared, highly motivated entrepreneurs in emerging markets. Approximately 10% of the submissions to the BiD Network successfully pass the assessment process and 4% start their business. These plans are commercially viable and have a high potential for growth. Local partners provide among others basic verification, due diligence, contracting and monitoring services. From the start in 2005 till now, Investor Matchmaking mobilized 7.6 million USD from the market to BiD Network entrepreneurs. This represents 54 matches and an average investment size of about 150,000 USD. A network of over 100 investors, with diverse preferences, is kept up to date on the developments. The amount of active investors continuously grows.

Biogas Solutions Group, Mexico, Latin America

Distributing small scale bio digesters across Latin America

The Biogas Solutions Groups is a wholesale supplier of small-scale biodigesters to public and private development groups. Biogas Solutions Group will build and distribute pre-fabricated biodigester systems for development groups across Latin America. Biodigester end users realize economic and other benefits in the form of waste treatment, renewable energy, improved health conditions, and organic fertilizer. The national economy benefits from development funds aimed at the reduction of GHG emissions through biodigester installations.

Bright Green Energy Foundation, USA

Solar home systems the energy-communication-water model

The Bright Green Energy Foundation (BGEF) wants to help take renewable energy technologies to 75 million Bangladeshis, and to 1.6 billion energy starved people around the world. The program promotes solar lanterns and Solar Home Systems in rural areas. We will train and use women entrepreneurs to promote and implement our programs. Each branch will have few entrepreneurs attached for promotion, installation, repair and maintenance of the systems. So far BGEF has set up two district offices in Comilla and Bogra, under which ten branches are operating, installing over 200 Solar Home Systems within one and half month. Our goal is to install 200000 Solar Home Systems by 2012 through 1000 rural branch offices and 3000 staff. We will especially promote Solar Home Systems in rural clinics, rural schools, market places, as well as for rural telecommunication. The ambition is to also promote eco-villages or eco- areas where we will implement Solar Home Systems, biogas plants, tree plantation, and use of organic fertilizers with the aim of covering every household and business. Currently, we are in the process of setting up linkages in Ethiopia, USA and with Masadar in the United Arab Emirates. We are already connected to top renewable energy and development experts from all over the world, to bring best practices to Bangladesh as well as other countries.

Byoearth, Guatemala

Vermicomposting to create organic fertilizers

Byoearth offers a proven vermicomposting training model for rural communities and slum area inhabitants that are vulnerable to food security and environmental pollution. We enable users to generate three products out of waste; solid organic fertilizer, liquid organic fertilizer and red worms. This is a sustainable livelihood that creates an extra economic income for vulnerable populations. At Byoearth we promote the use of vermiculture in urban and rural areas, creating a scalable model for villages all around the world. Vermiculture applied to agriculture, “ensures long term health of land and people without huge outlays of capital” because waste is used as an input to generate the fertilizer that will upgrade land conditions. Worm castings add nitrogen, potassium, phosphorus, calcium and active microbial life to soil / land.

CDI - Centre for Digital Inclusion, Global

Training in communication technologies to stimulate entrepreneurship

Founded in 1995, pioneer of the digital inclusion movement in Latin America, CDI is one of the leading social enterprises in the world with a unique socio-educational approach. Our mission is to transform lives and strengthen low-income communities by empowering people with information and communication technology. We use technology as a medium to fight poverty, stimulate entrepreneurship and create a new generation of changemakers. Today, we are a network of 803 self-managed and self-sustaining CDI Community Centers throughout Argentina, Brazil, Bolivia, Chile, Colombia, Ecuador, Mexico, Paraguay, Peru, Uruguay, UK and Jordan – monitored and coordinated by our 33 regional and international offices. In addition to low-income communities, our schools are also present in indigenous communities, psychiatric clinics, hospitals for mentally and physically disabled, as well as youth & adult detention facilities. CDI is an international NGO headquartered in Rio de Janeiro with a development office in the USA. More than 1.25 million at-risk youth and adults have been impacted by CDI—last year alone over 255,000 people were benefited by CDI programs and had access its unique pedagogy of community empowerment through technology.

CEDESOS, Peru

Empowering rural families to promote eco-tourism

This proposal considers the participation of youth and adults in rural communities with low incomes and lack of work in rural areas migrate to cities seeking work. Rural communities have the potential for tourism as landscapes, beaches, natural viewpoints, biodiversity, dance, music and traditional dishes. However, this potential can be exploited for tourism and the effect should be manifested in an increase of income. The activities of boating, bird watching, fishing, music, dance and organic products are developed taking into account social and environmental sustainability. This activity will create new rural jobs and income generation. Micro enterprises will remain with family income from tourism and even improve more tourism services (accommodation, food, sanitation). This project can be replicated in other areas. The budget is 140,000 Euros, to be used for training, credit fund, promotion and strategic alliances. The obstacle is the limited training of families and little economic investment in the state. The challenge is to increase the number of tourists up to 200% and improve revenues in the range of 30 to 40% and finally become competitive in the rural tourism market

CERTITUDE, Moldova

Empowering rural youth through entrepreneurship promotion!

Our program addresses many issues affecting rural communities including poor infrastructure, poverty, access to low-quality services, poor quality of education, lack of access to information and opportunities, resulting in a disillusioned, unskilled, uninformed generation of youth unable to lead and effect positive changes in their communities. Through our program we are providing training and assistance, including technical support and seed investment through a venture fund for young people from rural areas of Moldova who are willing to launch their own small enterprise. We are assisting rural youth in all phases of planning, setting up and running of their enterprises, providing assistance in planning, marketing, sales, finance, accounting, loans, human resources, and technology so that their business becomes self-sufficient and sustainable from the first year of the mentorship program. The service is provided by young experts in banking and business field with a specialization in a certain field: renewable energy, recycling, services, human resources, finance, banking, etc. who devote their time and skills to providing assistance to our target group. Our organization was founded in 2001, and has grown in its scope and focus over the years, establishing "rural youth development" as a key motivating factor and an ultimate goal, which gives us energy and courage to go forward. We have supported the launching of 124 SME's in 34 different villages across northern Moldova, and we want to triple this figure in the next 3 years. We estimate a number of more than 10.000 jobs to be created over the next 3 years through our program in more than 100 small villages all across Moldova.

Cimatex, Sweden

Aid for disabled

Clean Tech Open, USA

Developing clean technology start-ups

The mission of the Cleantech Open is to find, fund, and foster the big ideas that address today's most urgent energy, environmental, and economic challenges. The Cleantech Open has established itself as the leader in developing clean technology startup entrepreneurs addressing these challenges. Since its inception in 2006, 191 promising teams have availed themselves of the Cleantech Open's one-of-a-kind hands-on workforce development, nurturing, and funding programs, with impressive results:

- Cleantech Open Alumni have raised over \$160M in private capital,
- 80% remain economically viable today, and
- 1,200 new clean technology jobs have been created through the end of 2009.

CleanStar Trust, India

Re-powering mobile phone towers

CleanStar, led by a group of young entrepreneurs in India and the UK, is partnering with the Confederation of Indian Industry, DESI Power, the Government of India, and mobile phone companies to design and implement viable models for decentralised energy production that

leverage mobile towers as “anchor customers” for supplying rural energy services. It seeks to work with rural micro-enterprise initiatives, strengthening commercial viability on both sides and promoting job creation through access to energy. By 2015, the program aims to provide 6,000 off-grid communities with affordable clean energy, creating approximately 60,000 permanent and 120,000 seasonal jobs, and preventing 250,000 tons of CO2 emissions. Investment in projects of around \$15 million will be required for initial site deployments in 2010, and targeted capacity-building investments will be required across the industry to enable public, private, development and carbon finance to flow at the scale needed to revolutionise rural energy production based on this model.

Climate Solutions India, India

Creating distribution networks to support waste recycling enterprises

While running the India Climate Solutions Project throughout 2008 and 2009, the team has facilitated large-scale renewable energy and energy efficiency awareness programs reaching thousands through social media and direct education. The co-founders have worked with 100 campuses, and trained 2,500 students in climate science, project management, and household-based solutions; worked with companies and university administrations to identify opportunities in energy efficiency and clean tech implementation; and provided business development services to clean tech partners in these sectors. The next phase of the India Climate Solutions Project will impart skills to youth leaders on project management and institutional solutions systems. With this knowledge, students will be able to analyze gaps and opportunities -- enabling them to implement appropriate technologies. These sustainability systems include community-based waste management, solar water heating, solar, micro-wind, biogas, and building energy efficiency. Students will begin with their own university campus or community and expand to medium-sized enterprises in their regions. To catalyze institutional implementation, we work with vendors, universities, and third-party financiers to distribute the upfront costs of installation. With a unique partnership of technical providers, finance partners and passionate educators, we will train a coalition of sustainability consultants to jump start institutional participation in the clean tech revolution.

Communicare, Sweden

Youth job centres to stimulate entrepreneurship, motivation, and pro-activity

Communicare is a non-profit youth organisation founded in 1996 with the aim to achieve a stimulating climate for entrepreneurship, motivation och power to act. To create lasting changes of attitudes and processes towards increased development of entrepreneurship and own initiatives in society. That is because we think everyone is someone – no matter what you or others think. We are helping young people to live on what they're living for – To live their dreams. In our different projects we meet young people and help them come closer to their dreams – Finding a job, find out what to study, get self employed or go abroad. We have 26 local Job College offices in Sweden.

Constellation Communities, UK / Kenya

Changing urban slums through economic and skill development of individuals

Constellation Communities aims to address the needs of people living in dense city slums throughout the developing world. At over 1 billion people today, their number is forecast to

triple by 2050. 80% are children, and the squalor of their conditions is a major cause of disease and suffering. For these families, trapped by inadequate income and huge rents, affordable home ownership is a vital part of their route out of poverty. Constellation has developed a comprehensive, step-by-step programme to enable city slum tenants to escape from the slums into a home of their own, in a location of their choice. By helping them to increase their income, invest their savings in hard, appreciating assets and reduce their exposure to financial shocks, the programme is designed to transform their lives in a sustainable way over the long term, laying the foundations for a better future for their children and grandchildren.

Consumentor, Sweden

Helping consumers make conscious choices

COOPA-ROCA, Brazil

Innovating artisanship for social change

The core mission of COOPA-ROCA is to provide conditions for its members, female residents of the largest slum in Rio de Janeiro, to work from home, thereby contributing to their family budget without having to neglect their childcare and domestic duties. Offering training, health services, and a dignified livelihood, visible improvement can also be seen in the professional quality, general health, and self-esteem of COOPA-ROCA members, who have collectively built an intrinsic understanding of co-operative practices by extending their social impact on the local community. Beginning as a textile recycling project of a small group of women in the 1980's, COOPA-ROCA's products can now be seen on the high-fashion runways and exhibitions of São Paulo, London, New York, Paris, Milan and Tokyo. The professional quality of COOPA-ROCA's craftwork stems from its innovative social business model, which partners the traditional craft techniques of its members with the high-fashion designs of its commercial partners, which include brands and designers like Lacoste, Carlos Miele, Osklen, Tord Boontje and Paul Smith. COOPA-ROCA's unique professional approach to artisanship and social change have gained them international recognition and support from institutions like the Lead International Program/Rockefeller Foundation, Ashoka, AVINA, Vital Voices Global Partnership, and the Clinton Global Initiative, as well as national government agencies and corporations. Now including over 120 members, COOPA-ROCA plans to open a second new headquarters, launch its own line of products for wholesale under the COOPA-ROCA label, and market its products at business fairs for high-fashion buyers. COOPA-ROCA's vision is to maximize its impact in the Rocinha community by doubling the number of artisans in employs in the next 5 years. More broadly, the cooperative seeks to serve as a national and global reference for the social inclusion of low-income communities in the global marketplace.

Crear Vale la Pena, Argentina

Creative centres in shanty towns to generate youth art enterprises

The Latin American Network for Social Transformation works with dozens of organizations throughout Central and South America using various types of art to bring about a multitude of forms of social transformation. The organizations that make up the Latin American Network use different methods to bring about social change. These methods range from set and wardrobe design in Argentina, to youth orchestras in Bolivia, to painting in Honduras. Many of these organizations focus on youth in poor neighbourhoods or who are in danger

of, or in a state of, social and economic exclusion, though all of the organizations are concerned with improving the lives of every member of the community or communities with which they work. Since it is impossible for one organization to cover every aspect of social transformation, the groups of the network focus on different sectors of social change. Some organizations choose to focus on developing citizenship amongst youth, others on preventing violence in schools. There are also those that broaden their actions to issues such as health, education and biodiversity. The Latin American Network for Social Transformation makes it possible for all these organizations to work together and share methods of creating social transformation.

D.light Design, East Africa

Distributing solar lights through youth entrepreneurs

D.light Design, a consumer goods company that produces and distributes solar powered lights, is working with the mass media popular platform, Femina HIP and youth networks to create a distribution network for solar lights in East Africa. The initiative seeks to engage young people as part of the labour force to scale up the distribution of solar lights. A partnership is creating awareness about solar entrepreneurship opportunities within 2 million young Tanzanians and is linking to investors in small and medium enterprises, micro-finance providers, and training programmes. Their goal is to build and develop a strong supply chain for low-cost solar products to reach 15 million people, creating 50.000 job opportunities for young people and improved the lives of 100 million individuals by 2020.

Daily Dump, India

Over 4500 people in Bangalore involved in waste management initiative

Bangalore produces 2000 tones of waste every day. The centralized government composting plant can only handle 500 tones a day. 70% of waste generated in the average Indian urban home is organic wet waste, so keeping this off the streets can significantly improve reduce the mess on the streets by 60%. o provide a home composting solution for urban Indian homes, Daily Dump has designed a commercial compost 'pit'- made of terracotta, with which anyone can convert household or kitchen waste to a useful high-quality compost. Daily Dump has a robust and easily replicable design which is also 'open source', so that individuals in other locations can replicate, adapt, build on, sell and use it – for wide and rapid propagation of the idea. Today, the company has about 4,500 dedicated customers in Bangalore who use the profitable composters. The potter community has benefited from the initial orders placed on them by Daily Dump (INR 50000, USD 1000, representing roughly 65% potter's monthly turnover).The challenge faced by Daily Dump presently is to create sustainable revenue streams. The company is also looking at expanding by signing partnerships with big restaurants, cafes, convention centres and other actors which generate large amounts of waste. Looking forward, Daily Dump is in the process of prototyping a mechanical composter to be retrofitted into homes in India.

Development Alternatives, India

Creating large-scale rural bio energy businesses

Development Alternatives successfully completed an action research project to demonstrate techno-commercial viability of a model called Methane Powered Energy Service Hub through scientific disposal of dung or any bio degradable waste, which do have high replication possibility in cattle rich community, dairy/poultry farm and in Gaushala. The model is popularly known as Gaushala Model.

Development Alternatives, India

Water security solution to provide water for all always

In cooperation with Arghyam Trust, Development Alternatives initiated a project to increase water security in Bundelkhand, India, by involving the community in developing and delivering solutions. Women and young people in the village have been trained to deliver and install 'Jal-TARA' water purification systems (Slow Sand Filtration technique, developed by DA) in the villages to purify bacterial contamination which is the main problem in the region. The impact of the initiative can be seen in how the women from these villages are now enjoying the freedom from drudgery and diverting their efforts for productive employment such as food processing or poultry rearing, to raise their income levels. In these villages, village committees are responsible for collecting payments by users of the water supplied and consumed and use water meters to keep track of excessive consumption. In certain villages the water delivery enterprises are set up by the community while in others it is set up by an individual entrepreneur. So far, the initiative has been implemented in 10 villages, generating various employment opportunities. Development Alternatives estimates that with an investment of 10Million USD over the next 5 years, the initiative has the capacity to create more than 1000 enterprises and 300 jobs in approximately 100 villages."

Digital Webb Media, Sweden

Smart driving education

Ecobloks, Phillipines

Eco-friendly building blocks for kids

Ecobloks are toy building blocks for kids that are made of scrap mahogany and pine wood. The business started by finding use to scrap wood, while giving work to skilled wood craftsmen who were affected by the economic slump. By setting up joint ventures with deserving woodworking companies capable of producing good quality blocks and with sustainable sources of scrap wood, Ecobloks helps to employ more workers and keep their machines running even during bad times.

Ecotact, Kenya

Investing in innovative social investments in environmental sanitation and management in Africa

In the world, nearly 2.5 billion people lack access to sanitation (half of whom must defecate in the open due to lack of infrastructure development). In Kenya over 15 million lack basic sanitation, amounting to 46% of population. We have witnessed people's lives being claimed by cholera: a sanitation and hygiene related disease. The government and other actors need to construct over 234,000 toilets per year for the next 10 years to cover the deficit for halving the proportion of people without access to improved sanitation. Ecotact launched the Ikotoilet initiative to combat these sanitation challenges three years ago and have constructed 40 facilities in 12 Municipalities in Kenya serving an average of 300,000 people daily and employing over 100 youths. The project has developed innovative utilities of sanitation facilities, technologies and sanitation waste recovery. The project aims at: providing convenient, hygienic and sustainable water and sanitation services; creating employment opportunities for the youth; conserving diminishing natural resources; improving public health; influencing policy shift in the governance of municipalities in water and sanitation services provision; transforming, restoring and ensuring sustainability of social dignity in urban populations; and revolutionizing people's perceptions towards environment and sanitation. Ikotoilet-thinking beyond a toilet- the idea, implementation framework, social, economic and political influencing strategy, has won within two years, Ashoka Fellowship on Public Innovation 2007; Lemelson Fellowship on technological innovations; World Toilet organisation Hall of Fame 2008; Schwab Fellowship on social entrepreneurship 2009; World Economic Forum Africa Social Enterprise of the Year 2009 and Citation by President Bill Clinton during the Clinton Global Initiative 2009. Ecotact plans to replicate its model for 200 facilities across Kenya, Uganda and Zanzibar by the end of 2012 and has received requests from Malawi, Zambia and Nigeria.

eHub-the Big Green Hut, Vietnam

Mentoring program for students in environmental awareness and consultation

The project's purpose is to introduce project-based learning on environmental-friendly products and sustainable practices to high school students to cope with the low environmental consciousness of Vietnamese students and entrepreneurs, and contribute to creating the first generation of eco-leaders in Vietnam. We have mentors who train guide students to design projects enhance sustainable aspects of entrepreneurs. First, we develop partnership with local companies to examine their needs and problems concerning sustainability, based on which we look for mentors with according professions. Because there are actually few people who are really eco-conscious and understand the green aspects of their own work in Vietnam, we have to search for people across all kinds of professions - teachers, scholars, activists, journalists, businesspersons, university students, etc. Then students are recruited in groups and matched with mentors. Mentors and we oversee students communicating with partner companies and drafting solutions to enhance sustainable aspects (logistics, office layout, work schedule, workflow, etc.) and tackle certain problems (energy leak, capital waste, etc.). Two or more groups will work on one project and report to mentors who give assessment and feedback, then everyone work together on the project to ensure the solution proposal's quality. Students then pitch to partner companies and get paid to implement. We capture a portion of payment to maintain operation and compensate mentors. After two years or more, experienced students are considered to replace mentors. Projects are from simple to complicated, e.g., level 1 is to

hold workshops about sustainability and environmental issues at schools and companies; level 2 is to design promotional campaign for energy-efficient products; level 3 is to get a solar panel company to turn vacant lots in a local airport into clean energy procurement source. '

Employment Generation & Marketing Mission, India

Market-led job creation for rural youth in the corporate sector

'The Jobs Mission' of EGMM was set up to address the problems of unemployment, lack of skills and the low daily erratic wages of the economically and socially underprivileged rural poor youth in the unorganised sector with skills and training followed by the placements in organised sector and post placement mentoring. EGMM has started various Academics which are first of its kind in the country for the under privileged rural youth and has created its own models through which the local teachers are trained, where the modules are created with the help of industry and placement consultants. The EGMM works with companies to make available a pool of trained work-ready youth from an alternative labor pool. The project has a unique Institutional setup where a small private sector team at the state level works with the district Government machinery. The impact of the model from macro perspective is "one job to a family" takes the families out of poverty. Today, EGMM has emerged as the largest Jobs mission for the rural/tribal poor -whereby about 260,000 youth have already been trained, out of which 45% are girls. Every year, it trains about 100,000 youth and about 75% of them successfully get employed. In next 5 years, it aims to provide employment to about half a million. In order to improve the quality and add value to the project, EGMM is currently seeking resources to make investment in the following: setting up training centers, IT system for monitoring scale and digitalizing the training content.

Energimyndigheten, Sweden

A social and physical renovation of the Million-program

Aims to develop a vision for large-scale improvement of basic standards and energy efficiency in the "Million-program" housing estates all over Sweden. The intention is to design the approach so that it also serves as an engine for broad social upgrading, strengthening of local self-confidence in problem areas, and creates large amounts of first jobs to young people and marginalised groups. Such a vision requires new public-private partnerships and business models on an industrial scale that can handle the scale, secure high compliance with civil society, and a desire to dissolve the outdated standards and regulations.

Enterprise Development Company, Asia

Streamlining a sustainable model for energy and agriculture

Malnutrition is a problem plaguing tens of millions in Bangladesh and in the rest of South Asia. Milk and meat can go a long way towards meeting the nutritive requirements of Bangladeshis. However, despite over half a century of government intervention the dairy industry remains at a very nascent stage, providing only 42ml of milk per person per day against a requirement of 250ml. Against this backdrop a model is developed for establishing Mini Dairy farms in Bangladesh to meet the following objectives: Improve nutritional requirements of rural households, meet energy requirements through bio-gas

production, produce organic fertilizer, provide employment and income generating opportunities, especially for rural women. The basic model of a commercially viable mini-dairy comprises of 4 milk cows and a bio-digester to produce bio-gas and organic fertilizers. It is conservatively estimated that Bangladesh has the potential for 4 million such farms yielding 4.8 billion cubic metres of bio-gas, 240 million tons of organic fertilizer, 5 million tons of vermi-compost, 17 billion litres of milk, 1 million tons of meat, 12 million people employed. Enterprise Development Company (EDCL) has developed the model over four years at a pilot farm in the village of Kesharpar in Noakhali. This model was found to be commercially viable without any subsidies or handouts and it has very low land requirements. EDCL has also developed a financing model to allow commercial banks to finance the farms with low overhead and risk. Based on the particular aspects of the agriculture industry in Bangladesh, EDCL have developed an agro financing service based on the "Integrated Energy and Food Security Farming" (4 Cow Model). This service, taking the microcredit model into the SME segment, helps finance individual farmers in land holdings and small businesses which are environmentally sustainable and profitable. EDCL has secured a refinancing facility of US\$30m from the Central Bank of Bangladesh and is looking to sign up commercial banks.

Entreprenörsjakten, Sweden Business model competition

The Entrepreneurial Chase is a scavenger hunt, focused on showing young people that entrepreneurship can be easy, and that all young people can find their own ways of adding value to companies, projects ideas or processes. By embracing entrepreneurship-by-play the mental distance between idea and realization becomes shorter.

ENVIU, Global Incubating creative green businesses

Enviu was founded in 2004 with the vision to contribute to a sustainable and inclusive economy where innovative entrepreneurship creates value for people and planet. Inspiring and mobilizing young entrepreneurs and entrepreneurial people is in our view vital in realizing this new paradigm. Enviu's mission is defined as: to inspire and involve young entrepreneurial people by co-creating profitable and sustainable solutions for environmental and social issues. Enviu scouts and generates innovative sustainable business ideas and develops them into profitable start-up companies and organisations. This is done through its international community of young entrepreneurial people, knowledge institutions and companies. Start-ups that Enviu selects to work with are preferably in the field of the decentralized energy business, electric and soft mobility, water, sustainable lifestyle and financial services related to the sectors mentioned; innovative or ground breaking in a new or existing industries; issue-driven with high impact, business potential and scalable. Enviu uses open innovation and co-creation methods to develop its start-up companies.

Exnora International/YES Tamil Nadu, India Creating 1000 jobs every year through solid waste management Initiative

Solid waste remains an untapped resource which leads to serious health hazards, overflowing land-fills, and sewerage blockage, causing illnesses such as Malaria. Solid Waste Management (SoWAM) is an initiative launched by ExNora to increase accountability among

local bodies for Solid Waste Management and Disposal practices. SoWAM is a powerful, practical and down-to-earth 'IDEA' that aims to ensure a clean and healthy environment by addressing problems of garbage disposal, segregation, and recycling in various parts of India, especially in Chengalpattu, Tamilnadu. Solid waste management system includes door to door waste collection by tricycles, segregation of waste into organic and inorganic waste, and transporting the segregated waste from households to the composting centres where organic waste will be composted using perforated composting tanks with the help of cow dung slurry. All other inorganic material is then segregated into recyclables and absolute waste. This project would also become self sustainable soon after establishment from revenue generated from the user charges, sale of compost and recyclables. This initiative has already generated more than 3000 employment opportunities and aims to create minimum 1000 green jobs per year. This initiative is seeking financial assistance of around Rs 20 million to meet the expenses of composting yards, setting up of recycling unit, composting centres, procurement of plastic bins and tricycles, recruitment and training of unemployed youth, and other related activities that include awareness, implementation, supervision and monitoring and documentation.

Fair Tailor, Sweden / Nepal

Partnering with foreign NGOs to produce and market "fair trade" consumer products

During this world financial crisis, NGOs are finding their donated sources of income drying up. The Fair Tailor provides a blueprint for funding NGOs through its innovative partnership with a non-profit group. The Child Watabaran Center in Nepal (CWCN) works with street children in a number of cities, providing them with services, advocacy, and opportunities to learn life skills, including work skills at their clothes production center. Fair Tailor supplied financial resources for CWCN to increase its clothes production, and now markets those clothes in the West. The profits from this venture provide a more-reliable stream of income for CWCN.

Fairknowledge, Europe

Training young directors and producers for climate awareness films

The Challenge: The world would be better if more voices from the fringe were included in mainstream knowledge creation and decision-making. Women, ethnic minorities and voices from the South must have fair representation in order to create a truly just and sustainable world. It is also innately fair for opportunities in all sectors to be accessible to those who are historically marginalised. Jobs and Engaging People: Fair Knowledge creates leaders from the fringe, gives them skills and networks to participate in mainstream markets. We want more women and minorities at senior levels in science, politics, climate change, technology and the corporate world. They must flourish in the private sector and not be limited to nurturing other minorities. Our strength is working with young people, to encourage ambitions from an early age, and we also train minorities in existing mainstream workforces to progress. Innovation: The truly new thing we are doing is promoting people from the fringe as MAINSTREAM leaders. Women and minorities need to stop being put under the microscope and need to be part of the infrastructure that designs the microscope. The Cineforum format proactively showcases fringe voices on mainstream platforms. For example, the next Cineforum is about space science, not about women or black people in space science. There will just happen to be fair representation of all people; we want to normalise heterogeneity, rather than draw attention to it.

Scalable: We are looking for investment for the Cineforum, which will create surplus both to run our fringe support projects and to create profit for shareholders. The first Cineforum attracted 49 million eyeballs from across the world. The second one created a new global climate change network of corporations, NGOs and governments. We have piloted in the UK and see it potentially working in all countries, developing heterogeneous leaders, creating domestic knowledge markets and enhancing development cooperation.

FAO, Palestine

Promoting employment and entrepreneurship for vulnerable youth

The Rural Employment Team in ESWD with the Emergency Operations and Rehabilitation Division (TCES) in HQ and FAO's Coordination Office in Jerusalem and Sub-Offices in Ramallah and Gaza Strip Promoting Employment and Entrepreneurship for Vulnerable Youths in West Bank and Gaza Strip FAO in partnership with the Palestinian Authority Ministry of Education and Higher Education, Ministry of Youth and Sport, Youth Development Association and the United Nations Relief and Works Agency for Palestine Refugees in the Near East (UNRWA) Abstract: Youth in the West Bank and Gaza Strip (WBGS) face enormous challenges related to occupation, conflict, deep rural poverty, food insecurity and lack of extracurricular activities. Socio-economic conditions in the Palestinian territories continue to degrade as policies of the Occupation increase such as checkpoints, building of the Separation Wall, blockade on the Gaza Strip, and permit system to move in/out of the WBGS. The need to maintain traditional agricultural practices grows as the consequences of Occupation and conflict threaten farming livelihoods. Israeli closure policies, the construction of the Separation Wall, land confiscation, limited access to water resources, lack of access to services and limited access to the labour market are leaving many villages facing impoverishment and high levels of unemployment. High unemployment and underemployment coupled with the high cost of non-food items continues to impact food security negatively, especially among poor rural households and female-headed households. In an uncertain environment characterized by high unemployment and poverty rates, and severe constraints in movement and access due to closures, a large number of Palestinians also consider migrating abroad or between the two territories. Food insecurity in households is increasing which places vulnerable youths at an even greater risk of food insecurity and lowers their access to nutritious food. It is therefore essential to increase investment in capacity building and agricultural knowledge so as to increase the income, supply of nutritious food and entrepreneurship skills of young people to counter shocks. The case study explores the activities undertaken by the Gender, Equity and Rural Employment Division (ESWD) jointly with the Emergency Operations and Rehabilitation Division (TCES) to improve youths' skills and abilities in carrying out income generating activities in WBGS; it also emphasizes the role of women's associations and the creation of youth farmers clubs grouping former Junior Farmer Field and Life Schools graduates in the rural areas. 540 vulnerable youths from 16 schools have been trained during the school year 2008-2009 and 620 from 18 schools are presently training during this 2009-2010 school year.

Femina HIP, Tanzania

Channeling entrepreneurship awareness through popular mass media

Femina HIP is the civil society initiative behind the Fema Magazine, the most popular magazine in Tanzania, where articles about sexuality, relationships, risk, HIV/AIDS and other lifestyle issues are integrated into a glossy, colorful and attractive magazine, a beacon of

Tanzanian youth culture. Its bi-monthly magazine 'Si Mchezo!' (No Joke!) is for out of school youth and has an estimated readership of 2 million people. Large scale workplaces--such as the tea estates-- use the magazine to educate their workforce and nearby communities. Femina HIPs targets youth and their communities and sees the need to move into issues of job creation and financial literacy. Its established media platforms are a key asset and opportunity to channel skills development and entrepreneurial ideas to young people on a large scale.

Flexiwaggon, Sweden

Solutions for combined road to rail transport

One of the biggest challenges of today when it comes to goods transportation is our concern for the environment. The question is – how can we make railway based transportation more popular? How can we provide a cost efficient and time saving solution that will attract more companies to use railway transportation? Flexiwaggon can provide this highly cost-efficient solution; -A concept that meets the main requests of a transition to railway transportations on every market all over the world. With Flexiwaggon the loading and unloading is fast and easy. It takes only six minutes to load and unload one train set and the driver manages it himself, now even with remote control! No terminal are needed, only firm ground stable enough to carry the weight of the lorry. You can leave the railroad practically anywhere along the line without disrupting traffic on parallel railway lines. Flexiwaggon can transport buses, cars etc. It can run on regular train speed so even passenger trains running on schedule could be used. Backed up by public and private funding in Sweden, the idea has created interest far outside the Swedish borders. We are invited to meet with the railway administrations in Australia, Canada and the US. Other highly interesting markets are India, Russia and China. Flexiwaggon may solve major infrastructure issues as the road networks are limited in these countries.

Flint, Michigan, US

Zero-waste as an engine for development

Flint, Michigan (USA), is the hometown of General Motors. Factory closures have led to a broad unemployment and a large social decay. A new mayor has to come with strong visions of how the city should be given a new impetus as part of broader sustainability initiatives. The city has taken the first decision on a larger biogas investment and will also prepare an ambitious initiative for energy efficiency. From this a vision has been born to do Flint to a "zero-waste" city, where new recycling jobs, education and a general positive mobilization around environment could be at the heart of the city's next step. The vision will be given a practical framework which will be tested and developed during this summer's meeting.

Flying Circus, Mexico

Reconnecting youth with the community through multiple creative methods

Mexico has 25 million people between 12 and 24 years of age, almost half of whom are in a state of poverty or extreme poverty, with no clear governmental policy to address their needs. The Flying Circus began more than 20 years ago as an anti-gang initiative in Mexico City staging youth music competitions and producing a youth radio program. Flying Circus has since broadened its goals, trying to reconnect marginalized youth to the wider

community. Flying Circus has turned an old theatre into a hub of artistic, cultural, and educational activity for youth. In the past five years, Flying Circus has put on dozens of free workshops, plays, movie marathons, concerts, and art shows, produced hundreds of radio programs, and organized a youth festival, among numerous other programs, impacting tens of thousands of young Mexicans. In fact, more than half of the funding for the initiative comes from revenue from the program's own events. The United Nations, among many others, has recognized Flying Circus as an effective social program addressing the needs of youth, and the program works with dozens of governmental and nongovernmental actors on different projects. Flying Circus is working to replicate its model to other locations in Mexico and elsewhere in Latin America.

Gastromotiva, Brazil

Empowering underprivileged youth through gastronomy

Despite impressive economic growth large parts of the Brazilian population still lives under conditions characterised by high unemployment rates and low levels of education. 44% of Brazilian youth has not received any formal education and 41% of those aging below 18 today live in poverty. Gastromotiva addresses these issues by starting in the kitchen. Through the teaching and practice of gastronomy, Gastromotiva provides underprivileged youth with gastronomic skills and personal development which in turn facilitates their entry into the labour market. Through its professional culinary course and internship opportunities in gourmet catering service, Gastromotiva has, to date, successfully trained 65 youths. 74% of them are now employed, of which 12% have started their own small-scaled gastronomic enterprises in their local communities. Gastromotiva has received numerous awards for its excellence in service and social impact such as the "Social Entrepreneur of the Future" award by the Schwab Foundation, or the Best Gastronomy Award in the "Social Responsibility" by Prazeres da Mesa, as well as acknowledgement as a social investment model in Kenya. By the end of 2010, Gastromotiva aims to increase its scale and scope in the industry by supporting 64 more young entrepreneurs, and developing 16 new products and services.

Global Focus, Sweden

Climate entrepreneurs

GlobalFOCUS has been invited to set up an office ("the GlobalFOCUS Center") in China's Solar Valley outside of Dezhou. The ultimate goal of this project, is to help establish Solar Valley as a global center for clean energy thinking, entrepreneurship and research – a Silicon Valley for the cleantech era. The GlobalFOCUS Center will be a hub for a number of value adding activities towards this end, with obvious benefits for China, the global clean energy and climate change community, and our planet.

GoDown Art Centre, Kenya

Supporting creative talents to make their full contribution to East African society

The GoDown is a recognized and respected East African multidisciplinary institution. The Godown is acting as an incubator for cultural ideas and organisations, and it nurtures and supports creative talent in the arts, facilitating artists to become confident in their own

culture and to make their full contribution to East African society, with the aim that arts and culture become practiced and accepted as an integral part of life.

Gram Vikas, India

Setting up community-driven water and sanitation enterprises

Gram Vikas aims to bring about sustainable improvement in the quality of life of poor and marginalised rural communities by focusing on these two basic needs- water and sanitation. The organization has instituted an all or nothing in-built financial sustainability approach into its model. The key element in its approach here has been leverage. Through community organizing Gram Vikas has succeeded in developing a shared ownership business model that calls for people to contribute at least 60 percent of the cost of toilets and bathing rooms and 30 percent of the cost of developing a water supply system. For any intervention in water supply and sanitation to take place within a community, there are some non-negotiable rules that must be agreed upon by all community heads of households. In addition to its role in building social cohesion within villages, it has also served as an effective bridge to government funding mechanisms for overhead water tanks as well as to externally sourced materials such as steel, cement, and toilet pans. It has built up local design-build-maintain-operate skills by training masons and other technical personnel who, with these new skills, can earn two to five times what they could earn in non-agricultural seasons. 'Gram Vikas' success in using sanitation and water as an entry point to start a series of behavioral, social and economic changes at the community level have had a huge impact on people's lives. Today, those communities that have engaged in joint efforts with the organization have reduced overall illness by 85% with an 88-90% reduction in incidence of diarrhoea, jaundice and malaria.

Growyn, Sweden

A web search engine to fund social entrepreneurship

The mission of Growyn is to improve the world by collecting funds to support environmental projects and spread current environmental information on the Internet. Growyn.com is a search engine that enables millions of web users to easily contribute with money to the environmental movement – without any personal cost. Growyn.com is free to use for anyone and the business model is the same as for any other search engine. The people behind Growyn believe that the real force of change lies in information and knowledge. That is why they complement the search engine with Growyn Green - an environmental portal and online hub for Swedish and international environmental organizations, research institutes and other. Growyn Green also includes a user community, encouraging users to discuss, ask questions and find their own understanding of the environmental problems.

Since the launch of Growyn.com in May 2009 the site now have over 20 000 unique users per week, spread over 100 countries. Growyn Green is still under development and a first, beta version of the portal is planned to launch during Q1 2010. Growyn has agreements with many of Sweden's eminent research institutes and are in process of gathering and processing information for the portal. Some of the are the Swedish Society for Nature Conservation, Plan Sweden, Albaeco, Stockholm Resilience Centre and Children's rainforest of Sweden. The ambition is to, within 2 years, have at least 1 000 000 unique users per week, employing 25 people in 3 European countries, and supporting many more work opportunities though our supported environmental projects."

Guayaki, Paraguay

Market driven reforestation through canopy agriculture

Guayakí produces organic, shade grown and fair trade yerba mate – a powerful rainforest tree - in the Atlantic Rainforest. Guayaki serves as a bridge linking consumer purchases of yerba mate products in North America with indigenous communities engaged in sustainable agriculture and reforestation projects in Argentina, Paraguay and Brazil. The mission is to restore 60.000 hectares with a profit making business model (Market Driven Restoration) and provide 1000 job opportunities by the year 2020. Currently Guayaki is working with 6000 hectares and has become the largest provider of organic yerba mate to the US market during the last 10 years. Without the participation of Guayaki, the growth of organic, shade grown and fair trade yerba mate in new markets will be limited, hence the restoration and community development in the 6000 hectares will be left without an alternatives source of income.

Gumarabic Fund, Sudan / Chad / Nigeria

Channelling pension money to improve the conditions for farmers in Sudan, Chad and Nigeria

The Gumarabic Fund will provide an open and transparent trading platform for Gum Arabic, a valuable commodity grown in Nigeria, Chad and Sudan and essential in the global confectionery, soft drinks and pharmaceutical industries. By providing liquidity to a market where merchants dominate at the expense of local producers the funds seeks to significantly enhance the conditions of small scale producers in a conflict ridden zone and help prevent desertification. The fund has received some major pension fund investment and is looking at delivering market based returns.

Hand In Hand, India / Sweden

Eliminating poverty through job creation

Hand in Hand is a public charitable trust founded in India, in the state of Tamil Nadu, and registered in 2002. Hand in Hand has now extended its successful enterprise creation programme to other countries. Our objective is to eliminate poverty by creating jobs. We do this through our unique holistic approach that tackles the areas that matter the most to poor communities – microfinance, education, health, information, and environment.

HiNation, Sweden

Rugged & mobile solar products for portable energy

HiLight gives you off-grid light and charging functionality. The HiNation HiLight™ is a fully solar powered light source and charger for private and professional use, featuring rugged construction, great functions, and user friendly design. HiNation is now launching it's first product; a rugged and mobile solar cell product for demanding handling and tough climate. For the first shipment of 200 pieces we allow for pre-booking due to the high interest, and delivery is planned for August 2010. From an environmental point of view we want to 1) increase access to light and charging for mobile phones etc. in areas lacking electricity, 2) decrease dependency of fossil fuels and wood usage for lighting, 3) decrease burns, eye and respiratory diseases and deaths caused by kerosene lamps and it's toxic fumes.

IDESAM, Brazil

An innovative model for income generation and reducing deforestation in the Brazilian Amazon

The Institute for the Conservation and Sustainable Development of Amazonas (IDESAM) is an NGO created in 2004 to work towards reducing deforestation, alleviating poverty, promoting forest conservation and fostering sustainable development in the Amazon. The Greener Apuí Project aims to establish a model to control deforestation by combining sustainable economic activities, including sustainable forest management, reforestation, and increased efficiency in livestock production. We expect the project to prevent the deforestation of about 3,000 hectares and restore another 1,500 hectares of forests within the next 25 years. This would generate a total reduction of approximately 2.33 million tCO₂e by 2035, as well as building a sustainable future for Apuí's communities by generating income for more than 400 families through permanent and seasonal jobs for around 1,000 people. The funding model for the project will include generating Certified Emission Reductions for entry into the voluntary carbon market. Activities will also include reforestation (funded through the CDM mechanism), REDD+ (currently under UNFCCC negotiation) and a more efficient livestock industry. All of these activities ensure environmental benefits to the local ecosystem and are funded through mechanisms for 'Payment for Ecosystem Services.'

Inga Foundation, Honduras

Introducing alley crops as an alternative to slash and burn agriculture

The goal for the Inga Foundation is to introduce sustainable alternative agricultural strategies to millions of farming families presently subsisting precariously by slash-and-burn agriculture in order to enable the recuperation and reforestation of landscapes which have already been transformed by decades of repeated slash-and-burn agriculture. This form of agriculture is one of the most immense and widespread problems presently facing the world's humid and sub-humid tropics. The Inga Foundation introduces the agroforestry system known as Alley-cropping using leguminous trees of the neotropical genus *Inga* to farming families thus, enabling those families to gain experience with the system. Inga alley-cropping has proved itself not only as a sustainable low-input production system for basic grains, but also, for a variety of important cash-crops. The implementation in the field is done by Honduran NGOs with whom IF Trustees have been working for many years. The idea has great potential for thousands of people being enabled to achieve autonomy and sustainable self-sufficiency; with minimal dependence upon externalities.

Jacinto & Lirio, Philippines

Turning water hyacinth into eco-friendly accessories

J&L is a Filipino social enterprise that innovates the water hyacinth through sustainable and eco-friendly means. The material is used to make stylish bags, accessories and even furniture upholstery. Through collaborations with Filipino designers, government and local communities, we aim to form a dynamic synergy that provides livelihood, aids the environment, and innovates products to make a Philippine mark in the global market.

Jagriti, India

Securing rural livelihood options and bio diversity conservation

The rain-fed, agro-pastoral economy of Lag and Gadsa valleys, typical of many mountain regions, exacts much hard work but yields diminishing returns. Starting in 2002, Jagriti has disseminated a package of energy devices that reduce women's drudgery, and consequently their time and labour. The project is unique and innovative in terms of the package of energy efficiency devices introduced into poorer house holds and the flexible financing mechanism adopted to increase access by women who otherwise would not have opted for inclusion in the project. By making a package of energy and importantly drudgery reducing (LPG, Pressure cooker and Haman and later Tandoor) more accessible and affordable to poorer households, the project will be able to vastly improve energy efficiency and access across substantial sections in villages in its area. The improved energy access will not be wholly subsidized through project funds, but women contributed roughly 60-80 per cent towards costs through their own savings; now, women members are willing to pay even higher contribution to acquire the various devices. Flexible installment-based payment system and clear-cut criteria are in place to ensure that the systems are targeted only for the poor. The project has ample scope for consolidation and scaling up within and outside the existing area of operation. Currently the initiative is outreaching to 1100 HHs and can easily be scaled up to 4000 HHs. The organization over the last 7 years has developed the capacity and expertise to undertake this project on a large scale. The implementation strategy and financial mechanism have been adapted as per the location specific requirements and are therefore easy to replicate in other areas. The immediate challenge is to secure sufficient funding over the next 2 to 3 years to upscale project activities to achieve a "critical mass" in the use of energy efficiency devices in the valleys where Jagriti is working.

JET, Tanzania

Building a supply chain for eco-charcoal production in Tanzania

Joint Environmental Techniques (JET) has adapted technology developed in India by Appropriate Rural Technologies (ART), which allows any kind of dry biomass and agricultural waste to be transformed into clean burning charcoal briquettes for the \$240 million Tanzania charcoal market. Charcoal production is currently responsible for 90% of the deforestation in the country, clearing 330 ha of forests a day. The technology is kilns made of recycled materials (low-tech), and can be commercialized and sold as an enterprise in itself. Kilns are manually operated, and the products are cheaper than charcoal in the market and burns longer than wood charcoal. If the employment of the kilns could be scaled to 1000 kilns, this would generate at least 3000 employment opportunities and offset an equivalent in tonnes of carbon dioxide. JET currently faces the challenge of scaling up their viable business model, moving beyond a very successful pilot phase, linking up to training schemes for the supply of trained labour and finance schemes to commercialize the kilns and sale of char powder. JET estimates that they could generate up to 20.000 jobs by 2015 which would require an investment of around \$1.5 million over 5 years.

KickStart, Kenya, Tanzania, Mali and Burkina Faso

Selling manual water pumps for efficient irrigation

80% of the rural smallholders in Sub-Saharan Africa are dependent on rainfed agriculture, which at the best of times results in a 'feast-famine' production cycle that is totally out of line

with market demand. Prices for their produce are low when they have something to sell, high when they have nothing to sell and need to buy. Nowadays the effects of climate change compound their difficulties as annual rainfall patterns are disrupted. So they need a practical way to water their crops, all year round, to grow more food and make more money. In response KickStart has designed a range of very effective human-powered "MoneyMaker" pressure water pumps ideal for African smallholders, costing between \$40 - \$100, and distributes and sells them through an extensive network of commercial dealerships in East and West Africa. By ensuring supply of these pumps through market channels and creating awareness and demand for them, KickStart has enabled over 89,000 smallholder farmers using their own resources to set up profitable enterprises that generate over \$90 million profit per year and provide employment to over 120,000 people. The potential is enormous. Over 12 million families in Sub Saharan Africa live where these pumps can work and make business sense. KickStart expects to double its impacts in the next 3 years.

Know About Business/ILO, Global

A web network to know about business and unleash entrepreneurship

Know About Business is an entrepreneurship education programme that was initially developed from an ILO project experience on vocational and entrepreneurship education in Kenya in the late 1980s and early 1990s. Since then, the programme has been developed, tested and adapted into 20 languages and implemented in over 40 countries around the world. Currently, countries vary with regards to the level of integration of the KAB programme, all or in part, into their national education systems. The programme seeks to prepare youth for the transition from school to work by imparting entrepreneurial knowledge and skills that will prepare them to work productively in enterprises; to prepare students to start their own businesses in the future; establish an entrepreneurial and enterprising mindset and attitude that can be applied in all aspects of one's life, including personal and professional arenas.

KONDAKIS, Kenya

Creating garments and accessories from recycled materials

KONDAKIS seeks to provide a responsible alternative to the heavily polluting fashion industry by creating garments from recycled parachutes and accessories from dead wood that has fallen off trees naturally. Our collections are produced locally and we make sure that all people involved are paid a fair price for their work. Each employee is involved in the whole process from design to finished garment. In this way we build holistic capacities, granting employees skills they can bring with them should they decide to find work elsewhere. Furthermore we enable less fortunate people to create their own future by giving 3% of our turnover to educating Maasai girls in the Kenyan bush. KONDAKIS is an example of how a business can link the developed and the developing world in a sustainable way. Wealthy people in the developed world are willing to pay for a unique, customized and green fashion products and people in the developing world are benefiting either through our school sponsorships or through producing the KONDAKIS garments/jewelry under fair conditions. Currently KONDAKIS has been operating for two years, has eight employees, subcontracts many more when large orders are placed, and has educated five Maasai girls. The ambition is to create many more collections from different recycled materials - all falling under the "green KONDAKIS umbrella". We want to sell more

internationally and strive to employ 100 people in the coming 5 years. Through our growing sales we want to take many more girls to school.

Kwanda, South Africa

Youth-led reality TV show to promote entrepreneurship and development

Kwanda, Communities with Soul, is a new reality TV show launching on SABC 1. The collaboration project between the Soul City Institute, the Department of Social Development and SABC 1, Kwanda sees five teams launch social upliftment initiatives within their various communities.

LIFEMATE, Rwanda

Building distribution channels for sustainable coffee growers

Rwanda's major export is coffee and there are up to 700,000 people engaged in coffee cultivation utilizing what were once forest areas. YES Rwanda's business idea is to sell 200 containers of coffee through socially responsible companies in high-income countries, allocating at least €0.5 per kilogram to a fund - Green Rwanda Fund. This fund is then to support reforestation efforts as well as protection of endangered species and vanishing natural resources.

Majora Carter Group, USA

Greening the Bronx

Majora Carter, a young woman from the Bronx, New York, has through the world-renowned initiative "Greening the Bronx" changed the self-image of young people from a neighbourhood in decay to one strongly associated with the sustainability agenda, the issue of youth unemployment and integration. The initiative began with the renovation of a dilapidated park in an industrial area in the Bronx, and has since evolved into the development of green spaces and green jobs as the core of the strategy for the region's social and physical upgrading.

MAX Hamburgers and Sofala Community Carbon Project, Sweden / Mozambique

Promoting sustainable land use change through carbon credit systems

The project is a revolutionary land use change programme being carried out in Sofala province, Mozambique. The programme in the buffer zone of two national parks compensates poor communities for the ecosystem services they provide. The resources of poor forest dwelling communities are land and labour. The project enables the community to use these resources for conservation, agro-forestry and social enterprise. Through the project 10,000 hectares are protected through reducing emissions from deforestation and degradation. 970,000 trees have been planted in the community's agricultural land both to sequester carbon and increase nitrogen enrichment and soil carbon inputs. Social enterprises include bee keeping, a community saw mill, carpentry shop and vegetable gardening. Gorongosa national park around which the project is based was the epicentre of the conflict in the 16 year long civil war which ended in 1992. The society in the buffer

zones is still in poverty and recovering from these turbulent times. The project has been a success in bringing the two factions fighting during the civil war together in microbusiness and in reducing the pressure for land clearance in the park. Farmers who are part of the project have doubled their cash income through payments for ecosystem services. The project relies on its clients to support their initiatives through the purchase of carbon credits - credibly offsetting their unavoidable impacts on the environment. The biggest client in 2009, Max hamburger, offset 80% of their unavoidable emissions from beef production on the project site by conserving a portion of miombo woodland, important habitat for elephants and lions, and paying 159 farmers to plant trees in their fields. Other clients in 2009 were Creative Artist Agency, a Hollywood actor agency who offset all their flights and office emissions and Arla foods, who offset an entire smoothie range.

MCX, India

Working with local post offices to provide price information on agricultural products

MCX has initiated a unique Public Private Partnership project with India Post to demonstrate sustainable business models that focus on the "middle-to-bottom of the socio-economic pyramid". By providing farmers future price signals, MCX is spearheading a "silent revolution" wherein farmers become better informed and are able to make sound business decisions. This model works on the principle and belief of shifting farmers from being mere "producers" to now becoming "marketers". To ensure commodity exchanges benefits reach the recesses of rural India, GSK has been designed as a single-window service for all pre-harvest and post-harvest requirements of farmers. India Post has a network of over 155'000 post offices which has allowed an exponential growth in reaching out to farmers, enabling it to cater to the marketing, warehousing and advisory needs of farmers across India. To facilitate the initiative, MCX provides ICT infrastructure at the sub post office level of each centre. The village/branch post master is an important link in this model who helps reach out to farmers with price information and other advisory services. The project also acts as a source of livelihood for rural youths who act as Coordinators. GSK currently operates across five states and 17 locations, reaching out to more than 4500 farmers and touching lives across 1929 villages, through 238 branch post offices.

Millennium Promise, Uganda

Installing 50 000 efficient stoves in Uganda

The Millennium Promise seeks to develop a large scale supply chain for efficient stoves and eco-charcoal in the Mbarare district Uganda. The scheme aims to establish a supply chain of efficient stoves and ecological charcoal reaching 50.000 households. The scheme would be financed up to 40% by the proceedings of carbon markets, and would include SMS based monitoring of the use of the stoves. There are thus three central components to the project: making of eco charcoal through a pellets technology; relying on saw dust from nearby saw mills and remains from banana plantations; distribution and sales of efficient stoves and eco-charcoal; and monitoring of the use of stoves so as to track and aggregate carbon credits generated. The total employment impact of the project would be roughly 800 young people with income-generating activities. The project is currently identifying additional local partners that are able to execute on the ground. A first testing phase is planned for in September 2010.

Mimeta (No), Africa

Creating a system to support entrepreneurs and investors in the cultural and creative industries. Mimeta supports efforts to capture the potential of the cultural sector as force of change and development in society. These efforts are built on cooperation and networking which are influencing policy decision makers, the cultural and creative industries, as well as the general public. We are engaging in initiatives through support that improves competence, organisational structures and ability to sustainably attract resources. The organisation supports arts and culture projects and accommodates collaboration in production, exchange, knowledge sharing and communication.

Minesto, Sweden

Ocean power

Minesto develops and commercializes cost-effective power plants that utilize tidal currents for electricity generation. Power generation from tidal stream flows can be predicted with substantially higher accuracy compared to other renewable energy sources such as wind and wave power. Opportunities for tidal power generation are enormous while the industry is still largely underdeveloped.

Moldova Youth Employment Platform, Moldova

Connecting small businesses and providing support services through a web platform

YEC STAR intends to open a National Business Incubator within the National Business Platform, that will link all the members of the Network, thus creating an internal potential market place for them. For the moment YEC STAR has over 200 Small Businesses as members, 11 banks as partners and Ministry of Finance and Economy as state support. Each member will pay a fee for the services that they will receive, that will be relevant for the national market and will get full support or the business development, starting with the consultation and ending with selling and establishing new partners. Becoming a member for the National Business Incubator, businesses will have a profile on the www.businessconnect.md portal, and will have a chance to trade within the network. In one year YEC STAR intends to have over 5000 businesses as members and that will generate and keep stable over 50000 jobs over the country, make over 1000 new partnerships for Moldovan SMEs.

Municipality of Lerum, Sweden

Schools for building local sustainability

The neighbourhood of Gråbo suffers from high unemployment rates and extensive dependence on social benefit systems. Furthermore, the commercial centre of Gråbo is rundown, and social unrest among youth in the area resulted in a fire at the Hjällsnä school in 2007. Now measures are taken to turn the tide, and they are chiefly directed at the local school system. Three new schools are being created, and new curriculums are drafted, to build a learning environment infused with entrepreneurial thinking and a drive towards sustainability. The aim of Rework Gråbo is to equip local youth with the tools necessary to build a sustainable society, to encourage them to show initiative, to take responsibility, and trust in their own capacities. Youth from the high school in Lerum will coach younger

students during a three year program where the aim is set on finding what a sustainable future for Gråbo needs to look like.

Municipality of Nacka,

School of entrepreneurship to help young people find employment

During the last few years, the municipality of Nacka has, along with the rest of Sweden and Europe, experienced a growing amount of people that have no connection with any kind of social safety net, neither with the government agencies, nor with the legal labour market. The negative effects of this - poverty, lack of integration and development - are huge, for the individual as well as for society as a whole. To break this trend and to turn the road to the future in a more constructive direction, the municipality of Nacka has, together with other government agencies and non-governmental organizations, and in cooperation with the market sector, initiated a project called ArbetslinjeN - a way to work. ArbetslinjeN promotes every citizen to be self supportive. By offering a wide range of opportunities – to make a career plan, to study, to get an internship or an employment – and professional coaching, the individual is given a much better chance to be successful on his or her way to independence. ArbetslinjeN offers support when someone wants to start a company or just test their business idea on the market. ArbetslinjeN works on an individual level, trying to find the very best solution for each person. In 2010, the work with young people, between 16 and 25, will be in focus through the start of Karriärgallerian – a mall of opportunities. Apart from all the regular activities that ArbetslinjeN offers adults, a School of Entrepreneurship for young people will start. Through Karriärgallerian it will also be possible to participate in self-help-groups, a successful way to build self-esteem and self-confidence. Several other successful initiatives driven by Nacka will be integrated in Karriärgallerian.

Municipality of Västerås, Sweden

Växtkraft links together town and countryside

Växtkraft is a biogas plant in which bio-waste from households and restaurants is digested, together with ley crops from farms and sludge from grease separators in large-scale kitchens. The biogas that is produced in the process can be utilised as environmentally compatible fuel for motor vehicles. Biofertilizer is also obtained as a residual product, something that farmers can spread back onto the fields as an organic fertilizer. The Växtkraft project creates a sustainable circulation of energy and plant nutrients. The aims are: To process organic waste pre-separated at source, ie, bio-waste from households, restaurants, and other sources, in an environmentally sound manner. To establish a circulation of organic material and plant nutrients between urban and farming communities in such a way that the residual product can be utilised in the production of food. To produce environmentally compatible fuel for buses and cars with no net-contribution of carbon dioxide to the atmosphere.

To contribute to environmentally adapted and sustainable farming. To facilitate the study of cultivation and environment effects, and to contribute to technical development and research. Challenges is to be able to offer biogas for all the buses in the region. The regional buscompany would like to triple the amount of biogasbuses. The important thing is to retain the high quality of the bio-waste, since the organic fertilizer is used in ecological cultivation. Proper information to the households is important in this work. The future plan is to be able to receive wrapped bio-waste. Also to get permission to receive slaughterhouse waste.

Municipality of Västerås, Sweden

Career Plaza – helping students towards sustainable careers

Students today are finding it increasingly challenging to find employment when their study time is up. A significant part of the problem is the difficulty students have in defining and highlighting their strengths and competencies for prospective employers. Career Plaza is a solution that aims to use targeted efforts to guide students towards employment and a successful career while still at university. By focusing on the individual student rather than the wider student body, we are able to help the student bring out the very skills and competences that will help him or her get a job when leaving university. Much is about building the student's confidence in interacting with the employer and we do this by providing both internal support and real meetings with external actors.

We offer the students individual coaching, group coaching, lectures and courses that give university points, to help them with anything from CV writing and communication skills to definition of skills and competences for each individual. We collaborate closely with potential employers; corporations such as ABB and Volvo, smaller businesses and the public sector, to ensure that individual students can build early relationships and the confidence necessary, to support them in the coming recruitment process. By using social media and online tools whenever possible we ensure that more students gain access to support and coaching. Enabling these comprehensive efforts is the framework of the Social Contract, where Mälardalen University has joined forces with the councils of Västerås and Eskilstuna to create a long term strategic partnership for regional development and growth. Career Plaza, a programme within the Social Contract, ensures that students leaving university are employable and can reach their full potential much earlier, thereby avoiding graduate unemployment becoming a regional problem.

Municipality of Västerås, Sweden

YOU - A new way of tackling youth unemployment

YOU (vocational guidance for young people) is an initiative that turns traditional labour market measures on their head. Employers are divided into different sector pools and notify any jobs that are available now and in the future and the qualifications required in order to access them. From this starting point, young people are offered an individual path and support at every stage of the journey. The initiative started in Västerås in 2009, where players on the employment market joined forces in an effort to reduce youth unemployment. The aim is to create a long-term functional model which can be rolled out all over the country to provide thousands of young people with jobs. Interest is now growing both nationally and internationally. Eight municipalities are working together during the pilot phase to ensure that the model functions under different employment market conditions. The project has moved into phase two in Västerås, where a large group of participants is trying to identify better access to jobs together with those who create the employment market. Young people's entrepreneurship is being channelled in close cooperation with the local economy. Research into the employment market and health is an integral part of the project. Starting from the actual employment market, giving young people better insight into working life and greater support from newly obtained motivation means a change in outlook. The challenge for us is to change society's view of young people without work so that they are seen as a resource instead of a burden.

MyLife, Sweden

Promoting diversity and integration on Swedish job market

Nairobi Central Business District Association, Kenya

Working with famous sport profiles to motivate youth to engage in reforestation

Nuru Energy, Rwanda

Providing an off-grid renewable energy platform to rural families

Nuru Energy is a for-profit social enterprise with a dual mission to replace kerosene lamps in developing countries with its own portable, modular lighting system and to provide an off-grid electricity platform for the 2 billion people in the world without access to the grid. Nuru Energy is a for profit social enterprise with the primary mission to provide a clean alternative to the existing sources of energy available to the rural poor. A huge number of people, about 2 billion, or one third of the world's population, do not have access to the modern energy sources that we in the developed world take for granted. So what do these 2 billion people do for light? They burn kerosene and firewood and by doing so, they subject themselves to harmful fumes, they spend up to a quarter of their monthly income on kerosene, and they expose their children to potential burns and fires. Nuru Energy has developed and is currently delivering a scalable and affordable solution to these problems. Our renewable energy platform is the POWERCycle, the world's first commercially available pedal generator. Our belief is that human power has not been utilized to its full potential. Human power harnessed and converted into electricity is currently powering thousands of lights and mobile phones in the most remote parts of the world that the grid will NEVER touch. The model is working for two reasons: 1) because we have designed an innovative delivery model, a scalable, replicable and lucrative microfranchise that puts a local rural entrepreneur "in-charge" of providing and recurrently recharging customer lights, and 2) because human power is limitless, unrelenting and ubiquitous – just like... the human spirit!

Orb Energy, India

Making solar solutions available for all

Orb Energy is India's largest direct solar sales and service company. Orb's main activities are product design, assembly, sales, installation and servicing of solar photovoltaic (PV) systems for reliable power and solar thermal for hot water. Orb launched at the start of 2007 with headquarters in Bangalore and is in the process of building a nation-wide network of branches to support customers. It has so far opened 90 branches in Karnataka, Kerala, Maharashtra and Andhra Pradesh -- some of them franchised and some running directly -- employing more than 400 people and has surpassed the 10,000 systems installed. Critically, Orb facilitates easy finance for customers through partnerships with more than 15 Indian banks, which lend to consumers with up to 5-year finance terms to buy the solar systems. In parallel with its branch network, Org has established an in-house commercial division that designs, sells and installs components and systems for builders and developers, corporate business and institutions, providing massive energy saving gains and rapidly gaining momentum. As part of its potential for growth, Orb is seeking a \$3m investment funding to grow the branch network to 1,000 branches by 2015, to generate over 4,000 new jobs. The availability of long-term consumer finance is one of the key drivers of growth for the PV solar

markets. Orb is therefore additionally seeking strategic partners that will invest up to \$1m in grants to pilot extending the consumer finance term to 10 years, which would underpin an unprecedented acceleration of the PV markets in India.

Peepoople, Global

Selling small, simple sanitation solutions

Today 2,6 billion people have no access to basic sanitation facilities. Through contamination of fresh water and ground water this affects both society at large and the individual. Peepoople has re-thought the problem and created a simple and viable solution which can reach many people on the grass-root level. The Peepoo is a self-sanitising single-use biodegradable toilet bag. It also opens up several opportunities for service systems to establish themselves. After use the Peepoo bag offers a value as fertilizer which enables collection and reuse systems to arise, informally or formally, privately or publicly, small scale or large scale. With one million people using the Peepoo toilet in 2015, there will be some 1000 employment opportunities for distribution and collection services.

Pheonix Arbor, Croatia

catapulting innovative enterprises that contribute to a more sustainable world

Growing urban populations are losing inspirational natural environments, while culturally rich and pristine rural areas – like the mountainous region of Lika in Croatia – are facing intense demographic challenges. For instance, constrained economic opportunities have brought high unemployment of young professionals and a lack of spaces for resource sharing and purpose driven actions. We want to facilitate inspirational interaction among changemakers that leads to innovative ideas, actions and empowerment for the co-creation of viable sustainable ventures and the stimulation of human development potential through a purpose driven venture - A Center for Human Development and Innovative Action in the Lika region. It will cater for two complementary groups: Young entrepreneurs, who seek economic and innovative support while offering creative, local and inspiring solutions for sustainable challenges (for whom the Centre will act as a supporting Foundation) ; and experienced professionals, who require an inspirational meeting ground for reflection, collaboration, and enthusiastic creation of new ideas (for whom the Centre will act as a Service provider). By 2015 we plan to build a physical place, create 12 jobs placements, microfinance scheme and innovation lab for young social environmental entrepreneurs, realize collaboration with universities / companies / governments, implement year round program of inspirational educational workshops / trainings / conferences.

Private Education Development Network, Uganda

Integrating entrepreneurial teaching and learning in education systems in Uganda

The Private Education Development Network (PEDN) is a non-profit organization that was formed in June 2004 to integrate entrepreneurial teaching and learning in the formal and informal education system in Uganda. To this day, the focus of the Ugandan education system remains on passing examinations, meeting state requirements, and does not meet the current demands of the job market. There is high unemployment and many educated job seekers. We believe that within an entrepreneurial society – a society that understands the opportunities and challenges in its environment, acknowledges and appreciates that each member is useful, where each person takes initiative, members are proactive and

innovative and are aware of their collective responsibility to better themselves and society – lie the answers to Uganda’s true hopes for sustainable social and economic development. Delivery is through school and community clubs using facilitation techniques – an approach with a more action orientated, student driven methodology (use of role plays, group work, fun activities, role models and mentoring) All aspects of learning – teaching styles, content, are approached in a practical manner.

Pro Natura, Latin America / Africa

Biochar enriched vegetable gardens

Far from decreasing, the number of hungry people in the world is currently increasing at the rate of four million a year. Pro-Natura International has developed the innovative, ecological and highly productive Super Vegetable Garden. A biochar enriched Super Vegetable Garden of less than 60m² provides a balanced diet for a family of 10 with 80% less water consumption. Initially planned for Africa, this enriched garden yields a perfectly balanced diet for 10 people living on a surface area of 60 m². It is a combination of the Improved Tropical Garden (ITG) of JTS Seeds, and Pro-Natura’s Biochar. The GMO free seeds are the fruit of 15 years of specialist selection. Production in this garden is constant all year round, involving a consistently regular cycle of 45 days. Among the notable innovative aspects of the Garden is the inclusion of biochar. Soil fertilisation using charcoal dust (biochar) is an ancestral practice first employed more than 7,000 years ago by inhabitants of in the Amazon regions. Pro-Natura’s biochar avoids ecological problems linked to charcoal production since it involves green charcoal, exclusively produced from renewable biomass. In addition to this direct fertilising effect, biochar also acts as a sustainable carbon sink. The result of 15 years of research and 30 years of field experience, initially demonstrated in Niger and Senegal, the biological growing technique is applicable to all tropical zones. The innovative approach is founded on the firm belief that poverty reduction, the conservation of biodiversity and the struggle against climate change are the best pursued in combination. The ambition is to produce more than one tonne of organic vegetables per year on 60m² with an even production every 45 days with only 2 hours of work per day.

RANOTOR, Sweden

Small scale steam power

RANOTOR R&D Corp. is working on a modern steam engine for stationary as well as automotive applications There are several reasons that justify the development work on modern steam engine. It has a great capability to make use of a wide range of energy sources as solid fuel, waste heat and solar energy. The RANOTOR Corp. is founded by the former project leader for SAABs steam engine project during the 70’s for cars and has a high ambition of level when it comes to high efficiency, low specific cost (\$/kW) and compactness. The system includes a thermal battery for storing of solar energy and regenerative engine braking in automotive applications. RANOTOR has also enter the solar energy business based on modern small scale steam power together with a company SUNTHETICS that is going to implement small scale solar thermal power and solar fuel (generating liquid fuel) sites . The overall problem is financing and established business structure. Typically utility’s core business involves large centralised technology. The modern steam engine technology is targeting small-scale and decentralised generation business. That means that the end costumers are real estate owners and not a utility that is willing to part financing the development toward a mature products. Today RANOTOR is moving

forward with research and demonstration projects together with truck manufactures for waste heat recovery and with research projects together with universities.

REDEH - Network for Human Development, Brazil

Sustainable agricultural economy through efficient drip irrigation systems

Development of an agricultural economy through efficient drip irrigation systems at the base of the pyramid. The initiative works with leading international companies, governments, universities and financial institutions to build capacity of small farmer cooperatives to buy and finance irrigation kits.

ReFurn, Sweden

Reinventing the furnishing industry by restoring and converting discarded furniture

ReFurn - Reinventing the Furniture Industry. The home furnishing industry is turning more and more "fashion driven" resulting in frequent changes of furniture and home furnishings. The furniture industry has become one of the most polluting and environmentally damaging industries. Between 8 and 10 million tons of furniture waste end up in landfills every year in Europe alone, at an estimated cost of 100 EUR per ton. The mission of a ReFurn project is to reduce this waste and to "reinvent the furniture industry". With ReFurn's unique re-use concept and system we are diminishing/decreasing large amounts of furniture waste on the landfills. By selling furniture second-hand in a locally based re-use system, we are also, decreasing harmful effects on the environment and saving natural resources. A ReFurn project also addresses social problems by creating meaningful and "real" employment, particularly for long term unemployed and unemployed youth. Each project is very labor intensive and can in large scale projects employ thousands of people. Another important ReFurn mission is to save and restore the cultural and historical heritage that furniture actually are.

REHACT, Sweden / Poland

Ventilation systems

Buildings use about 40% of all the energy in the world. We need to find solutions that provide the necessary comfort while at the same time reduce the need of external energy substantially. REHACT has developed the Rehact Energy System: an energy system for buildings that is able to reduce the need of external energy for heating, cooling and ventilation by 85%. By combining new innovative technology with heat pumps and solar energy, the reduction can be made in a cost-efficient way while at the same time increasing indoor comfort.

Riksteatern, Sweden

Culture reworks: creative means to a sustainable future

Riksteatern is a professional theatre, owned by 42 000 members organised in more than 230 associations. Our engagement ranges from individual members contributing to their local community to large international cooperations. We recognise the link between the local and the global and strive to be an arena where they both can meet. SEVEN is a groundbreaking

work of documentary theatre. The play, based on interviews conducted in 2007, portrays seven women's rights activists from around the world, who triumphed over enormous obstacles to bring about major changes in their home countries. Over 150 politicians, actors and other amateurs have appeared in the Riksteatern tour of the play. At ReWork we proudly present SEVEN featuring seven of the summit participants, including Swedish EU-minister Birgitta Ohlsson.

One Earth Design, China

Clean cooking, heating, and electricity for rural populations

The SolSource 3-in-1 provides clean cooking, heating, and electricity to the world's poorest 2.5 billion people at a price they can all afford. We began designing this novel solar energy device in 2008 in collaboration with nomadic communities living on the Himalayan Plateau. After ten iterations and numerous field trials under harsh Himalayan conditions, we have begun working with local entrepreneurs in W. China to launch the SolSource 3-in-1, first within the Chinese market, and then globally. The need for this device is profound. More than 1/3rd of the world's population currently relies on solid biomass—dung, wood, and crop residues—as their primary fuel. The WHO has implicated these fuels in as many as 1.6 million indoor air pollution related deaths annually. For the same reason that these fuels cause high levels of indoor air pollution, they also produce large amounts of greenhouse gases and black carbon, contributing to climate change. Approximately half of the trees cut down in the world every year are used as residential fuel and only a small fraction are sustainably harvested. Finally, low-income women worldwide forgo school and work to collect fuel. This causes women to remain in marginalized and vulnerable social positions. The SolSource 3-in-1 addresses these problems with a simple and attractive solution. The SolSource 3-in-1 is made from local materials using local skills and incorporates design principles from traditional nomadic tents. Many rural people in W. China are excited to see their history and identity embodied in a new technology. Local sales of the SolSource 3-in-1 within China will generate income for local entrepreneurs and service people. International sales of the device will demonstrate how ideas originating in low-income rural communities can provide feasible solutions for global issues. In the short term, two key challenges for the project are raising the initial capital necessary to launch SolSource 3-in-1 devices in the initial market of western China, and finding a trustworthy manufacturer to produce the devices in bulk. In the long term, the key challenge is being able to effectively manage the project and talent across multiple countries and continents.

Ronneby municipality, Sweden

A vision for zero-emission urban development at the local level

One of the biggest challenges that towns and cities face in the near future is which model they choose on the march towards sustainable development. Ronneby adheres to the guiding principles from One Planet Living, specifically Zero Carbon and Sustainable Transport. REWORK RONNEBY – FUTURE LIVING is a sustainable planning project Ronneby wishes to implement for all future residential development. The project has three parts: 1) "KILEN" is an industrial area near the town centre where the municipality wishes to construct 2-300 residential units. Partners are needed to find a model for new sustainable development. 2) ESPEDALEN is one of many areas of high-rise housing that were built in the 1950's and later. There is a unique challenge to refurbish 2-300 apartments and achieve the right balance between energy efficiency and economics. An appropriate model can be applied to hundreds of thousands of apartments in Sweden and create thousands of jobs. 3)

SOLBACKA is a private small-scale development of passive houses. The project needs to involve construction companies to develop new building techniques. Other business partners are required to develop the technology required to reduce carbon emissions to zero. Within the REWORK RONNEBY - FUTURE LIVING project we hope to construct 500 new housing units and redevelop 500 existing units by 2015. Above all we hope to produce a tangible model where business and local government can work together to meet future needs for a sustainable urban society.

S S Fine Fab, India

Creating Cotton Waste Recycling Entrepreneurs

The cotton waste management scenario continues to be grim, even though there have been some commendable initiatives by scattered individuals, groups and NGO's. In India, cotton waste in general is not recycled to make yarn, which adds on to sewage blockage and also causes air pollution. Recycling is the most environmentally preferable means to reduce cotton waste and plays a vital role in developing a recycling industry for creating new jobs, while at the same time significantly contributing in preventing an impending global environmental crisis. S S Fine Fab, through the innovative initiative of cotton waste management, aims to reach and empower rural entrepreneurs, especially women, through cotton waste recycling, wherein the unprocessed cotton waste is converted to the banian yarn. Through the innovative onsite-in-house gaming activity, S.S.Fine Fab carries out training program for ten days, where five days are spent in field visit and another five days for in-house training. S.S Fine Fab has created 748 entrepreneurs in 12 districts in Tamilnadu in 4 years and aims to provide employment to more than 100,000 peoples in next 5 years. To date, this project has provided with the job opportunity to as many as 2244 people, out of which 90% comprises of women & out of the same 80% are from rural area. The unique aspect of this project lies that this can be operated at the household level. It is currently looking for some investment support that can invest in the electrically operated fully automatic machine & accessories that costs Rs.51, 000.

Scarab, Bangladesh

Safe drinking water in isolated and rural communities

Like several developing countries, Bangladesh faces immeasurable consequences due to contaminated drinking water. The arsenic in naturally contaminated ground drinking water constitutes one of the biggest public health challenges. The World Health Organization (WHO) estimated that around 80 million Bangladeshis may be affected with arsenic contaminated drinking water [WHO, 2002]. Bangladesh lacks access to modern daily facilities like electricity, safe water and gas etc. This work presents the evaluation of utilizing biogas for distributed power generation and integrated membrane distillation (MD) units for supply of safe drinking water in isolated and rural communities of Bangladesh. The analysis includes technical, economic and environmental characteristics for the introduction of this new integrated system. This project also shows how the system promotes the development of sustainable paths in developing countries.

SEED, Global

Developing, maintaining and advancing partnerships through a global web platform

The SEED Initiative is a global partnership for action on sustainable development and the green economy. Founded by UNEP, UNDP, IUCN at the 2002 World Summit on Sustainable Development in Johannesburg, SEED supports innovative small-scale and locally driven entrepreneurs around the globe which integrate social and environmental benefits into their business model at the outset. The goal of SEED is to support the ability of such entrepreneurs to scale up or replicate their activities. This furthers their contribution to local economies and communities while promoting the sustainable management of natural resources and ecosystems, and reducing poverty, marginalisation and exclusion.

The 4 main activities of work are: 1) SEED Awards: Through an annual, global awards scheme SEED finds and reveals a wealth of novel ways of doing business. An international jury of experts selects and recognises the most promising and innovative start-ups. 2) Support SEED Winners to scale up: jointly with the winners, SEED develops individually-tailored business and management plans; identifies other needs; builds networks; and profiles at high level events. 3) Identify best practices and develop tools: SEED tracks progress to identify the economic, social and environmental contributions SEED Awardees are making and the obstacles they face; from this experience, specific tools for entrepreneurs are developed. 4) Influencing policy: The insights that SEED collects from working with innovative enterprises on the ground are brought up to policy makers to stimulate a more enabling framework for social and environmental entrepreneurs.

SEWA, India

Centres of excellence for women's self-sustaining activities in providing rural energy solutions

The Self Employed Women's Association in India works to train and support women in self-sustaining activities including green livelihoods comprising of forestry, vermiculture, energy, water harvesting, operations and maintenance of water resources, and rural infrastructure. The green movement also includes delivery of solar lighting, biogas and efficient stoves to villages in Gujarat. The delivery of the scheme builds on SEWA's Gandhian philosophy, and could be likened to a franchise model whereby decentralised community centres are established to serve markets of 20,000 households. The centres manage the training of trainers; provide credit support in cooperation with local banks; act as delivery channels and after sales support of products. Each Centre of Excellence supports 1000 women, with generating a daily income. This initiative works towards generating an annual income of Rs 1,175 million for 1,39,685 members, along with creating environmental awareness. The cost of each centre of excellence is a start up investment, while running costs are fully covered by the income generated. SEWA now faces the challenges of increasing market awareness, identifying better marketable products (lights, stoves, biogas digesters) and improving efficiency in training and support services. SEWA has the ambition to scale the scheme so as to employ 100,000 women over the next five years, each of whom be lifting their families out of poverty. This would translate into a total of 1 m households with basic green services with the potential of offsetting the equivalent 150k tonnes of CO₂.

SEWA, India

Fashion for Climate Mitigation

Building upon traditional skills in hand broidery among poor artisan women, the “Hansiba” (the poor women’s own brand) Sustainable Cotton Collection generates employment for rural poor households and leads to climate crises mitigation with no use of chemical fertilizers or pesticides, no chemical dyes.

The whole production process is considered, from sowing of seeds to sapling of cotton, plucking of cotton, deseeding it, ginning, hand spinning and then weaving them on the handlooms to create fabric. Styling it for menswear and women’s wear by Hansiba with value added ornamentation by the SEWA Trade Facilitation Centre, STFC rural skill artisans. The uniqueness of this collection is that it doesn’t go through any hard chemical exposure treatment. When it is cultivated by small time farmers organic method of cultivation is used. When it is processed from fiber to yarn only hand operated amber charkhas are used – which Gandhiji promoted. As the fiber is self coloured, no dyeing is required. This process eliminates a lot of wastage of water and keeps chemicals away from surrounding environment. STFC achieves this by sustained, profitable, and efficient coordination of the design, production, and marketing of their products and services in mainstream national and global markets. STFC has transformed the grassroots craft activity into a full fledged commercial enterprise. STFC has been registered as a Section 25 company, owned and managed by the women artisans. Currently STFC has an Annual Turnover of INR 25 million and provides employment to 3500 rural artisans and 200 urban garment workers. These artisans earn an average monthly income of Rs 1200 – Rs 1500. STFC aims to build capacity of about 15000 artisans to earn a remuneration of minimum of Rs. 1500 per month on a sustainable basis.

SocioEnviro Solutions, India

Selling one million hybrid auto rickshaws

SocioEnviro has been entrusted with the responsibility of taking Enviu's "Hybrid TukTuk" project forward from the ENVIU Foundation. SocioEnviro’s aim for the auto-rickshaw project is to better the lives of over 1.5 million auto rickshaw drivers in India over the next five years. For the drivers who come into the system, it would be like a fresh job with a greener auto rickshaw, much better income potential and inclusion into the financial as well as social security systems. SocioEnviro seeks to expand rapidly to other major cities in India over the next 5 years and then to other Asian countries. For an estimated 100000 new auto rickshaw drivers who are expected to come into the auto-rickshaw ecosystem over the next five years, SocioEnviro opens up an unforeseen horizon of possibilities. The biggest barriers to taking up this profession come from access to financing, low income potential for drivers and the fact that current auto rickshaws do not find favour with environmental norms (hence, governments sceptical about allowing them to continue on roads) . By addressing all these aspects, SocioEnviro is essentially creating 100000 new jobs for these drivers. Apart from these 100000 new drivers, SocioEnviro is planning to create jobs for over 1000 skilled individuals in the next 5 years to manage its business operations. Currently for its first year of operations (March 2010 to March 2011), SocioEnviro is partly funded by D.O.B Foundation from Netherlands and is looking for additional investments of \$ 0.5 million.

Solar Solution Africa, Africa

Catalyzing markets for modern lighting

Solaraid, Africa / South America

Sunny Money - distributing solar products by micro-franchising

"Sunny Money" is a micro-franchise set up by SolarAid that recruits, trains and supports a growing network of solar entrepreneurs in East Africa. It helps them acquire and sell solar kits to power lights, radios and mobile phones. The micro-franchise has been effectively implemented in Malawi, Tanzania, and Kenya, where solar products have been locally manufactured. However, in keeping up with demand, and based on a cutting-edge engineering and design phase, SolarAid is now introducing the mass-production of solar products, in order to scale up rapidly across Africa and South America. SolarAid is currently seeking US\$ 2m to kick-start this phase of operations. In Kenya alone, it aims to produce and sell 1.2m products over the next four years, and will roll-out this model to other countries, initially Zambia, Tanzania and Malawi, followed by Bolivia and Argentina. In the first four years of the new Kenyan operation, SolarAid plans to open 100 new franchisees, each employing 10 sales people and generate 1,000 new jobs; providing the platform to scale up exponentially after that.

Solarcool, Global / Sweden

Using new technology to create inexpensive solar-powered refrigerators

Billions of people are suffering daily from the lack of refrigeration. Refrigeration is important for at least 4 major reasons – storage of food makes food last longer, broadens the availability of nutritional rich food, allows for more effective medicine to be used, frees up time for both education and industrialization. The problem of lack of refrigeration is two-fold. Firstly, many areas of the world lack electricity. Secondly, where electricity is available refrigerators are too expensive. SolarCool has developed an inexpensive solar powered refrigerator based on revolutionary technology. It combines 19th century technology with contemporary century nano-technology to produce a low-cost reliable refrigerator that only needs the sun for power. The SolarCool refrigerator's unique selling points are: low total cost, high usability, high portability, environmentally sustainable. SolarCool is partnering with world-leading companies that will allow it to produce a 30 litre refrigerator for as low as 5\$. With an innovative business plan to deliver refrigeration to industrial applications in parallel with developing refrigerators for a mass market SolarCool can to a large extent be self-financed. While the company will receive the bulk of its initial capital needs from its industrial partners, SolarCool will seek limited funds from external investors.

Solarus, Sweden

Providing the next generation of solar energy to professional users

Solvatten, Sweden / Global

Selling cost and energy efficient water cleaning units

In many parts of the world safe water for drinking and hygiene is a luxury. Millions of people die each year of diseases related to unsafe water and lack of sanitation and hygiene. Solvatten has developed a system where water is cleaned by using sunlight. It is commonly known that water becomes safe to drink once boiled but it is a less known fact that the same can be achieved with the help of UV light from the sun. The system is designed primarily for

families but can also be useful in health care settings. The unit is durable, with a life span of 5-6 years, and cost efficient. SOLVATTEN is an environmentally-friendly product since its use reduces the use of fuels for boiling water. If less firewood or kerosene are used then CO2 emissions, deforestation and soil erosion will be reduced. SOLVATTEN is distributed through a decentralised system with local partners which are currently being identified. The aim is to reach 130.000 households by 2011. Solvatten estimates an investment of \$ 5 millions in the coming 2 years.

Stormie Poodle, Latvia

Manufacturing new products out of used quality textiles while creating work opportunities

Stormie Poodle's business idea is built on three concepts: sustainability, socially responsible manufacturing and consumer education. Stormie Poodle relies on recycling, making new products for children out of used quality textiles. Stormie Poodle collaborates with Livslust, a Swedish foundation that runs a vocational school in Latvia for boys and girls on the social margins of society. The school has a sewing workshop that employs adult seamstresses who receive market based salaries. It is in the workshop that Stormie Poodle's clothes are manufactured. Stormie Poodle supplies its buyers with information regarding how to wash its products in the most eco-friendly way. In the life-cycle of a garment, the washing process has a great environmental impact, second only to the negative impact of producing virgin raw materials. Stormie Poodle was founded in August 2008. Ten months later its products had reached its first retailer, Nivå125, a gallery-design store-café in the southern part of Sweden. Since then two more stores have started carrying Stormie Poodle's product line. Stormie Poodle's next goal is to partner with a global hotel chain and to find additional partners similar to Livslust, creating more work for less well-off groups. The demand for ecological, Fair Trade and recycled products is growing rapidly. Stormie Poodle's value-based products bodes well for attracting these customers.

Sulabh, India

Low-cost toilets for effective sanitation solutions

"Sulabh Shauchalaya" is a low-cost, pour-flush water-seal toilet with leach pits for on-site disposal of human waste. Flushing requires two litres of water, as compared to the ten litres needed by other toilets. The latrine can be built with locally available materials and may be upgraded. Educational campaigns and training involve community members in the construction and maintenance of services. Door-to-door campaigns by volunteers and workers involve persuading people to convert from bucket latrines to Sulabh System. Technical training enables local people to construct more latrines themselves. In rural areas, latrine-builders are trained in such fields as handpump repair, brick-laying, social forestry, and biogas production in an effort to provide these artisans with sustainable income. Sulabh also helps local communities set up, operate and maintain the community toilet complexes. The system is now in use in more than 1.2 million residences and buildings built by Sulabh, employing over 50,000 people. The technology was declared a Global Best Practice by United Nations HABITAT and Centre for Human Settlements, and is now recommended by the UNDP for use by more than 2.6 billion people around the world. Today, over 12 million people use the sanitation facilities created by the Sulabh everyday.

Sunlabob, Laos, Uganda, Afghanistan
Creating innovative solar-businesses

This project offers an alternative to conventional solar lanterns, which have been widely propagated as a solution for lighting in remote off-grid villages, but have shown to fail early because of low quality components. Also, batteries are often irregularly charged, or households engage in "hotwiring" to use the batteries for operating other equipment, resulting in early battery failure. The consequence is that kerosene still rules the off-grid lighting market. The Solar Lantern Rental System (SLRS) concept was developed in the Laos. The technology used for this project is solar energy, using a photovoltaic array to operate a charging station for the lanterns. A unique feature of this project is that end-users do not pay for the hardware (i.e. the lanterns), but only for the service (i.e. the charging), enabling poor households to effectively buy hours of solar lighting, offering a cheaper, cleaner, and safer alternative to kerosene lamps. The central charging station is operated by a village technician; and a village energy committee acts as a platform for collective decision and provides good local governance. The project was first piloted in the Laos in 2007; this sparked substantial interest in other developing countries, and consequently as of April 2009, pilot projects are underway in Uganda and Afghanistan. The system is directly competitive with kerosene, and the product and intervention package have been designed to replicate the behavioural patterns of rural households in terms of spending on lighting fuel. In addition, the SLRS generates jobs, creates income opportunities, and enables a better setting for micro-enterprises in poor off-grid areas.

Swedish Public Employment Service, Sweden
Unga In: making young people more attractive on the job

Arbetsförmedlingen is facing the realization that their job seeking programmes don't reach the intended targets. The gap in language, culture and expectations is too wide to attract the groups at risk. For meeting the challenge the Employment Service has now established collaborations with Fryshuset and Friends, two socially-driven organizations, to thus assimilate skills and networks they themselves lack. The challenge remains, however, for the initiative to create large-scale change in the authority's approach and methodology.

Tackling Poverty Together, Sweden
Engaging young people in poverty reduction

TERI, India
Lighting a billion lives with solar energy

Currently, 1.5 billion people in the world lack access to electricity; roughly 25% of them in India alone. About 68 million rural households in India light their homes with kerosene and wick lamps, consuming about 2.4 billion litres of kerosene per year. Launched in 2008 the LaBL initiative began replacing conventional lamps in order to provide better illumination, smoke-free indoor environments, as well as opportunities for livelihoods. Through TERI's innovative renting model, centralized solar lantern charging stations (SLCS) are set-up in villages, and lanterns are provided on rental basis to households and enterprises. The solar lanterns have been developed by TERI in partnership with leading solar lantern manufacturers of India, and are customized to the needs of rural communities with

innovative features such as battery status indicator, dimmer/night LED and mobile charging ports. Through this campaign, TERI aims to light up around 20 million lives by engaging 40,000 entrepreneurs as charging station operators by March 2012 and LaBL is currently looking for about \$142 million to reach this target – a mere 7\$/life. LaBL expects to mitigate 58 kiloton CO2 over a period of 10 years through providing 4 million lanterns. As of November 2009, LaBL has already covered 124 villages in 12 Indian states, benefiting 6200 households and impacting around 32,000 lives.

The Green Itch Project, Phillipines

Carbon-conscientious handmade recycled paper

Paper recycling is not new but The Green Itch's idea is to make carbon-conscientious, if not carbon-neutral handmade recycled paper. It also aims to encourage more people to get not just into segregation and paper recovery but also into the habit of paper recycling. The Green Itch products are made by hand, using recycled materials and using only natural processes, avoiding the use of on-grid electricity. This proves to be both a challenge and strength of The Green Itch as it stays true to the principle of environmental sustainability while making room for improvements in production time.

The PALAMA Campaign, Sri Lanka

Promoting an enterprise culture with forum theatre

Participatory theatre as an enterprise culture promoting instrument: The PALAMA campaign in Sri Lanka reached more than 280.000 people in rural areas. A dramatic story related to an enterprising culture is told through a theatre enactment. The public is called upon to engage with the actors and set up alternative plots.

WeForest, Global

Promoting permaculture-based reforestation through micro-finance

WeForest is a Swiss non profit NGO promoting sustainable, bio-diverse, ecologically compatible, permaculture based reforestation as a way to combat global warming, poverty and water shortages. We fund both education and dissemination of permaculture techniques and we fund reforestation projects across the world using micro-finance. Forests make cloud cover and cloud cover reflects sunlight back into space thus cooling our planet. Permaculture forests can cool our planet as well as provide more water, jobs and food. We send permaculture experts to our project sites where they work with locals to establish the reforestation plan. Simultaneously they establish a small training facility to bring foreign permaculture students, whose tuition fees fund the training of local farmers. Our initial funding also supports the investment in plant shoots and saplings. We leverage local resources as much as possible and provide micro credits where needed. We have land available in many places and started planting in Brazil in the mata Atlantica area. In march 2010 we started projects in Kilifi Kenya and in Chipata Zambia. We are planning to expand to Thailand, St Kitts & Nevis, Belize, Colombia and many more locations in the world.

Vertical Wind AB, Sweden

The next generation of wind turbines

Vertical Wind AB develops, manufactures and sells the next generation of wind turbines. Our concept is highly efficient vertical axis wind turbines where the generator is direct-driven and placed at ground level with low maintenance cost. The innovative concept provides excellent cost efficiency because the design involves few moving parts and lacks a gearbox. In all we provide a simple, robust, efficient and quiet design with low maintenance costs. Our aim is to make wind energy affordable and provide more people with green energy.

Viola Vitalis, Bangladesh

Creating jobs through health care distribution channels

Viola Vitalis has developed a nutraceutical treatment for arsenicosis. In searching for reliable distribution channels to reach rural communities, the concept of satellite clinics with visiting doctors is being developed – to create rural available healthcare and new job opportunities.

Women on wheels, India

Providing safe and efficient

Sakha Consulting Wings Private Limited (“Company”) - Women on Wheels - is a social enterprise that provides safe, efficient cab and women chauffeur services to women and families in Indian cities by engaging professional women drivers from marginalised urban communities. This is planned to be provided through a strategic partnership with a leading cab company. The women’s chauffeur placement services are offered to individual women within an agreed contract.

YES Chile, Chile

Green entrepreneurship working with business sector

YES Chile Leader describes how to create and incubate new green entrepreneurs in collaboration with the business sector, universities and local government agencies.

YES Colombia, Colombia

Empowering youth through digital platforms

YES Colombia, TakingITGlobal and YES Inc expand the capacity to develop youth skills for entrepreneurship using web based platforms. The power of the web grows when these 3 groups link their unique knowledge based systems to support youth who are learning mentorship, marketing, and managing emerging businesses.

YES Dominican Republic, Dominican Republic
From Scrap to Art, Lives are Transformed

YES Dominican Republic Leader describes a metal scrap to art project. With training and support, lives of Dominican youth are transformed. Youth become positive and engaged in community life.

YES DRC, Democratic Republic of Congo

Motivating and empowering youth through video documentaries and radio shows

SolEnTech program intends to train youth to assemble, install, service and market solar powered energy solutions. These include: Flexible PV strips which are light weight, durable (no glass) and inexpensive; Rechargeable LED Lamps capable of lighting a small hut for 6-30 hours; Mobile Phone Connector Cables; Radio Connectors; Rechargeable Battery Pack capable of performing even in tropical high-temperature situations; Solar cookers; Solar dryers, etc. which are made as per the needs and requirement of the area of the Province keeping following aspects in view: technical, efficiency, health, ecology and economic. Through this project, 15 direct jobs in the company of production and installation of solar systems, 500 direct jobs in the implementation of Business Solar Village and 2015 indirect jobs would be created in the first phase during 2010. This is currently seeking an investment of \$ 350,000.00 U.S. dollars for implementing this project locally. After the successful implementation, it is aimed to be replicated at provincial level and then in the rest of the country. The sustainability and replication of this initiative rest upon the fact that all solar equipments will be used from the local area.

YES Egypt, Egypt
Engaging Arab Youth

YES Egypt Leader engages Arab youth in dreaming big. Outreach efforts include working with Arab youth in Euromed, in Forums organized by the Library of Alexandria, and IT Entrepreneurship.

YES India, India
Skills development program

YES India is embarking on an ambitious Skill Development Program, aligning with Drishtee, supported by the Ministry of Rural Development, Government of India, to train over 7000 below poverty line (BPL) Youth for private sector jobs and placement of over 70% of the trained youth using a very innovative curriculum and training approaches suited for the rural youth. This is expected to scale up after the first project to other states of India. The model seeks to address the problems of unemployment and lack of skills of the economically and socially underprivileged rural poor youth in the unorganized sector with skills and training followed by the placements in organized sector and post placement mentoring. The model is supported by Grass root Academies which are first of its kind in the country that trains local teachers and engages them for the skill training supported by modules created with the help of industry and placement consultants. The project has a unique Institutional setup

where a small private sector team at the state level works with the district Government machinery.

YES Kenya - Green Teams, Africa

Networks of youth entrepreneurs to build green value-chains

The Green Teams - YES Kenya envisions to turn the social and development challenges of youth unemployment into effective force for local empowerment and to help address the global crises. "The Green Teams" is a generic model developed to benefit youths with business enterprises at community level. A pilot is currently running in Kenya on Young Solar Entrepreneurship and Training Project. YES Kenya aims to create a Green Academy for entrepreneurship education on green value chains; Create Tool kits for setting up green teams; and Pilot key cases and pitch for replication. The ambition is to create 150,000 green jobs for the youth in the next 3 years in Kenya alone. This model will be available for replication in the East Africa. The Green Academy will recruit, train and support a growing network of green entrepreneurs. Some of the value chains include Solar Products, Improved Cook Stoves, Eco Charcoal, Water heating systems, ecological brick making, on farm and off farm agricultural enterprises, ICT based Innovation initiatives, Recycling and waste management, water and sanitation, investment in carbon markets among others. The youth distribution model has already been piloted in Kenya, Tanzania, and Uganda. YES Kenya is seeking to raise an investment of US \$ 5 Million to kick start this phase of green value chains replication in East Africa. It aims to produce and set up the first 10 Value Chains with potential to create 100,000 jobs in 1 Year and continue the operation over the next 5 years. The models will be available at open source in other countries with the ultimate goal of creating a Green Teams Movement in Africa. The green Teams will operate in a membership cooperative model that allows self sustenance.

YES Pakistan, Pakistan

Engaging youth for social entrepreneurship

YES Pakistan created a National Youth Service Program to create a society where all young people are valued without any discrimination as the most promising resource for social-economic development. It has engaged over 2000 isolated, socially-excluded and at-risk young people in a variety of community building activities and enabled them to enhance their capacity and re-build their identity in their communities. YES Pakistan has established over 150 women literacy centers with the help of socially excluded and marginalised young girls.

YES Peru, Peru

Creating jobs through cleaning and sanitation programs

Cities in Latin America and the Caribbean generate an increasing volume of wastes, which is usually dumped in open landfills or into bodies of water. These practices pose serious risks for public health and the environment. Waste collection and disposal are also expensive. Lima, capital of the Peru, produces 6500 tons of waste on a daily basis and there are just 2 municipalities in entire Lima that are engaged in recycling the waste, thereby producing a huge impact in the environment. Due to lack of participation on the part of citizens, public institutions and the neighborhoods — about recycling systems and the use of solid organic

wastes, it is essential to promote environmental education, to increase the level of public participation, and to develop appropriate technologies for the treatment and use of solid organic wastes. The UNGA - a small enterprise involved in Paper Recycling is an appropriate system to turn waste into paper for all purposes. Since past 10 years, it is actively engaged in the process of recycling paper and producing decorative and utilitarian craft. It also produces notebooks, stationery, decorative items and a line for brides. UNGA not only offers its products in stores but also works with companies committed to use ecological products and educational organizations that are engaged in recycling wastes. The initiative of UNGA provides a source of alternative employment and plays a vital role in encouraging individuals and organizations to create their own paper manufacturing companies thus contributing to the environmental conservation, minimizing pollution and saving trees. Starting from a home and restricted to small stores, UNGA now has successfully expanded to other regions like Piura, Cuzco and Trujillo. It is now well positioned in the market as the leading company dedicated to developing quality products with recycled paper. With an investment of 40,000 USD \$, it aims to soon start with exporting its products and replicating its initiative to other regions and countries.

Yes Romania, Romania

Safe taxis by women for women

The project aims too increase and deepen the cooperation between the Zakarpatska region of Ukraine and in Szabolcs-Szatmár-Bereg.County in Hungary and Maramures County in Romania for a socially, economically and environmentally sustainable development of tourism. The project demonstrates how young people can be mobilized and trained to meet the emerging market needs of the Tourist industry in these regions through, (1) transfer of knowledge and sharing common practices to develop business in tourism and increase the attractiveness of the area, (2) expanding and improving quality and promotion of natural and cultural values; improving the quality of human resources and management activities in the region.

YES Rwanda, Rwanda

Business incubator

Business Incubator Program set up by YES Rwanda assists young people who are beginning their entrepreneurial journey could avail an existing facilities such as common office space, internet, telephone, fax, photocopier and other common services required of a budding entrepreneur.

YES Swaziland, Swaziland

Collaboration is key, youth, recycling, and business

With a population of around one million, Swaziland's youth, that constitutes 60% of the population, continues to face poverty due to unemployment. Amidst the challenge of unemployment our environment continues to be in danger due poor waste management. Empty printer ink cartridges and photocopying machines toners being non-biodegradable products can just continue to remain in its form for years even without decaying. Recycled printer cartridges and toners can be practical and inexpensive way to reduce waste and increase efficiency whilst creating employment opportunities. In Swaziland where there is no

initiative or project on recycling of cartridges and toners, it is estimated that nearly thousands of these cartridges and toners are disposed every week as waste from civic/public offices and private company's offices. YES Swaziland in collaboration with Renewable Energy Association of Swaziland (REASWA) and in partnership with a recycling company called SD RECYCLE, has undertaken an initiative to sell off the wastes on a monthly basis to South African manufacturers. This project aims to include out of school youth aged between ages of 19 – 25 years in collecting cartridges and toners from one building to another or one office to another, and getting them to the recycling centre. These students can at the same time earn some incentives and remuneration. This initiative would play a key role in generating 200 jobs in the initial three months and more than 400 by 2013. This would not only help overcome the issue of unemployment in Swaziland but would also protecting and leading to the sustainable development of environment.

YES Uganda & UN HABITAT, Uganda One Stop Youth Center

Kampala One Stop Youth Center- Youth friendly services under one roof; a place where youth meet, share ideas, access multiple services, develop capacity or form collaborations. This is aligned with "Entrepreneurship Clubs" that aims to promote self employment, strengthening civil society, citizenship, and democracy by supporting dialogue and communication through participation of young people.

YES Uruguay, Uruguay Building capacities at the bottom of the pyramid

In large cities of Latin America like Montevideo, the collection coverage of municipal solid waste is quite high ranging from 90 to 100%, requiring a huge demand for the workforce. As per the census data generated by city hall of Montevideo in 2008, reveals that 5,013 young people of around 24 years are primarily engaged in this activity, comprising of 18% women and 82% men, working for almost 27 hours on a weekly basis. Since this activity consumes lots of time and energy to collect wastes, a larger part of young people especially children are forced to quit their studies and engage in this hazardous activity that involves a heavy risk and causes hazardous diseases. Moreover, since these activities are not formally renowned, solid waste collection does not entail any social inclusion and protection. In response to the risks and threats this waste collection activity pose, the National Institute of Employment and Vocational Training (INEFOP) and the Montevideo Municipality, with the support from other NGOs (Gurises Unidos, Juventud para Cristo), PROJOVEN and YES Uruguay, has come up with an innovative project in August 2009, with the dual aim of making the city clean and hygienic and reinforcing the social inclusion of people working in the municipal solid waste classification, focusing on young people in particular. This project aims to incorporate formal work culture through training and develop skills in alternative occupations (like, vocational training in Customer Service at Supermarkets, Electricity and Construction etc.) to waste classification. It targets dependent and poverty stricken young people between the ages 16 - 21 years belonging primarily to the families of wastes classification or recycle. This project expects that the training provided to the young people will act as a catalyst not only to place them in a job, but will also nurture and empower them with entrepreneurial qualities to set up a sustainable enterprise. As on date, this project is only four months old and aims to create 20 new jobs in another 6 months with the budget of around USD 76,400\$.

YES Zimbabwe, Zimbabwe

Training of rural youth

YES Zimbabwe has demonstrated how diverse diverse stakeholders work in rural communities for improving education, employment and entrepreneurship.

Young Foundation, UK

Improving the quality, quantity and diversity of opportunities for young people

The Youth of Today is a partnership between seven leading organisations in England to improve the quality, quantity and diversity of opportunities for young people as leaders of change in their communities. A £6.3m, two-year effort funded by the Department for Children, Schools and Families and Communities and Local Government, it involves the Young Foundation working alongside the British Youth Council, Changemakers, the Citizenship Foundation, the National Youth Agency, the Prince's Trust, and the UK Youth Parliament. Each partner organisation has taken on an ambitious programme of activities that, delivered together, will increase the quantity and reach of opportunities for young people; build stronger evidence and an understanding of what works; and create opportunities for young people to influence decisions affecting them. The Young Foundation's two areas of work to deliver The Youth of Today are: 1) A £1m grant fund, The Youth of Today Leadership Fund, which aims to help innovative third sector organisations scale up their programmes and reach out into new communities. 2) A major programme of research into best practice in global youth leadership, comprising three publications, a series of international exchanges on youth leadership, and a web portal focused on connecting young people with opportunities to lead. Other partners are delivering projects including opportunities for hundreds of young people to do ministerial and councillor shadowing; new leadership-focused curriculum resources for teachers; a major youth-led campaign; and an interactive matrix of youth leadership provision and leadership progression pathways in England.

Youth Action International, Liberia / Sierra Leone / Uganda

Empowering and training young people for jobs and self-employment in Liberia and Sierra Leone country-side

Since the end of decade-long civil wars in Sierra Leone and Liberia, women remain the most marginalized segment of society both politically and economically. For women, this marginalization and endemic poverty translate to more vulnerability and exploitation including prostitution, rape, domestic violence, female genital mutilation, and forced marriage. These hindrances to the development of women continue because they are rooted in traditions that have sought to marginalize women. Unless women are supported in efforts to break these cycles, and unless they play a larger role in the political process, women in Liberia and Sierra Leone will remain marginalized. Youth Action International proposes to tackle these problems by using a multi-pronged approach through the operation of a Center for Women's Empowerment. The centers use basic education, alternative counseling, vocational skill training, and micro-credit loans to alleviate the negative impacts that civil war has had on women. At the end of each year, 300 women will graduate from each Center for Women's Empowerment with the skills necessary for self-employment. Graduates of the Center for Women's Empowerment will be awarded a micro-

credit loan and will be assigned to an exit advisor who will work with each woman as she establishes her small business. With two Centers currently in operation, their impact of this program is 600 jobs created each year. The Centers will dramatically impact the lives of the poorest people by creating jobs and empowering women to reach their fullest potential.

Youth Net/YES Nagaland, India

Creating employment for Nagaland youth in agri business and animal husbandry

Based on the findings and recommendations of two Nagaland state level consultations and a series of eleven district level consultations, Youth Net seeks to address the primary problem of youth unemployment in the districts of Nagaland along two dimensions: 1) the first dimension encompasses the entire project cycle; from cultivation of forage crops, pig rearing, through to distribution and consumption. 2) the second dimension encompasses subsequent recycling of waste and thereby generates employment and environmental sustainability. This initiative involves various activities, such as: capacity building, sowing and harvesting of animal feed, processing, pig rearing, marketing and distribution of pork products, and establishment of local bio-gas plants. The idea has been implemented in two Nagaland districts and the first 6 months bring positive results. Youth Net has set up a Task Force for marketing and accounting, and trained 20 entrepreneurs to work on developing the initial model. The Government of Nagaland has a start up fund of \$11 000, and now the project is seeking further funds for up-scaling of the project to 9 other districts of Nagaland.

Yump, Sweden

The street is smart: involving street kids in change and entrepreneurship

The street is smart is an annual contest taking place during a high tempo. During The Street is Smart all participants are divided into teams of 3-4 people. These teams compete against each other on who has the best and most striking business idea. The starting position is that an idea will be born during the day and processed into an exiting and different concept which is then presented before a jury. A mini version of The Street is Smart will be held at Rework. Approximately 100 people can participate. YUMP wants to show that there are business minded people who can think of striking business ideas. We believe that everyone has a creative ability and during the workshop you get the opportunity to develop a business idea together with other people.