

XYNTEO EXCHANGE/NORWAY

IMPACT MAKER AWARD 2018



powered by



"Empower has received a huge boost from winning the award. The prize money was crucial in the early stages of developing Empower, especially as we're exploring Blockchain technology to ensure better plastic traceability in the value chain. The whole Marketplace and the multitude of amazing solutions was also a great inspiration and experience to learn from."

Wilhelm Myrer
Founder and CEO, Empower

We believe the challenge is not the scarcity of ideas, capital or talent – these resources are abundant. But, too often develop in isolation from each other, hampering the transformation we so urgently need in our growth model. It's only when these find each other, connect and combine, that they truly sustain and scale.

Created in 2018, as an integral part of the [Xynteo Exchange](#), the [Impact Maker Award](#) is a global platform committed to connecting bold entrepreneurs with unconventional solutions with the some of the most forward-thinking leaders and organisations in the world. Each year, a winner is awarded a **€50,000 cash prize** to take the solution to the next level.

2018 IMPACT MAKERS FINALISTS



FOOD FOR ALL

powered by Yara Intl

- / Chowberry
- / Farmable
- / GebeyaNet
- / Thorvald
- / Sensegrass
- / Wattero



FINANCE FOR GOOD

powered by Nordea

- / AidHedge
- / IXO
- / quipu
- / Rukula
- / Ruvikas



SUSTAINABLE RESOURCES

powered by Hydro

- / Aganvay
- / CityTaps
- / Empower
- / Flowius
- / Kara Solar
- / Precision Hawk
- / Strawcture Eco



FUTURE-FIT SOCIETIES

powered by OBOS

- / Ducky
- / EatUp
- / No Isolation
- / Spacemaker
- / Waste Works



EMPOWERED LIVES

powered by Xynteo

- / Afroricas
- / Bioscan Research
- / diwala
- / doctHERS
- / EMBARK
- / Inesfly Africa
- / Jana
- / Quali Health
- / Sanergy
- / She Index
- / Youth Climate Leaders
- / VERE.360

XYNTEO EXCHANGE/NORWAY

IMPACT MAKER
AWARD 2018

* This document lists all of the impact enterprises showcased at the Xynteo Exchange in 2018, organised by Impact Challenges. It excludes the solutions presented by corporate partners

FOOD FOR ALL

powered by Yara Intl

"We met and connected with companies that became our partners, with potential investors through which we are raising an investment, such as Norwegians angels, and some other strategic partners from Norway."

Lalit Gautang
Chief Executive Officer, Sensegrass

Impact Challenge:
How might we feed the world responsibly?



Chowberry is an Nigeria based venture that improves access to life-saving food and nutrition for poor families. It connects grocery stores with charities to put leftover food to use. As packaged food nears the end of shelf life, Chowberry app initiates discounts that increase as expiry dates approach. Aid groups use the discounted products for food programmes.



www
chowberry.com



HQ
Nigeria



stage
Growth/
Expansion



challenge
Food for all

Overcoming hunger and improving access to life saving nutrition

According to the FAO, 13 million people face hunger in Nigeria. This figure has more than doubled due to the ongoing insurgency in the North East where 6.7 million persons face high levels of malnutrition. In the midst of widespread hunger, large amounts of edible healthy food is discarded due to shelf-life expiration and poor information exchange between demand and supply.

Chowberry facilitates the redistribution of soon to be disposed food by facilitating real-time information sharing of food availability at affordable prices and communities in need with very low incomes. The Chowberry app integrates into grocery stores, collecting data on stock approaching the end of shelf-life. This data is shared with charities and food relief organisation who facilitate its distribution to families facing food poverty.



Through advanced technology, Farmable will deliver insights to fruit and vegetable farmers about their crops and operations, enabling them to grow more produce with improved quality, while using less resources and reducing their environmental footprint.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



www
farmable.ai



HQ
Norway



stage
Pre-seed



challenge
Food for all

Empowering farmers to make the most of natural, human and material resources

Within the next thirty years, the global population will hit 10 billion. This means we need to produce 70% more food than today. At the same time, available farmland will stay practically the same. Besides, environmental issues require that we take even better care of natural resources. We must find more efficient and sustainable ways to grow more high-quality food. Farmers need reliable support in their daily decision-making to maximise return on every acre – while producing healthy food for consumers, taking even better care of the environment and preserving their soil.

Farmable makes exact, digital maps of fruit-and vegetable farms, down to every single plant. This allows data collection from all farming operations, generating insights that will radically improve farming performance. Farmers will increase yield and quality, while using less natural, human and material resources.



GebeyaNet is an Ethiopian venture focused on connecting farmers with markets. Its fresh produce e-commerce platform is fully integrated across the value chain including logistics and mobile payments. GebeyaNet drastically increases the efficiency of the system while improving the life of both farmers and consumers.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



www

gebeyanet.com



HQ

Ethiopia



stage

Early-stage



challenge

Food for all

Driving the market to you

GebeyanNet works to create equal opportunities to improve the lives of farmers. The majority of smallholder farmers face great challenges including price fluctuation, leading to drastic harvests loss, lack of buyers and reduced bargaining power. These factors not only affect farmers but also the potential buyers by creating a noticeable gap within the market for fresh products.

GebeyaNet is a web and mobile-based platform that endeavors to formulate a sustainable supply chain between farmers and buyers with the assistance of logistics. For the purpose of addressing these issues, the platform provides a service that is inclusive of USSD, website, SMS, and call center for both buyers and farmers. GebeyaNet's ambition is to narrow the gap by addressing various obstacles in the current value chain, empowering farmers and providing more availability of healthy fresh products to consumers.



www

sagarobotics.com



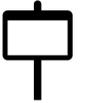
HQ

Norway



stage

Early-stage



challenge

Food for all

Autonomous modular robot delivering farming as a service

The Thorvald platform can be re-configured to accommodate various conditions and perform different tasks on a farm. Thorvald can operate in open fields, tunnels, orchards and greenhouses and perform tasks such as UV-treatment, picking fruits and vegetables, phenotyping, in-field transportation, cutting grass for forage, spraying and perform data collection and crop prediction. This allows for production scale which can bring prices down to a real game-changer level. Thorvald is autonomous meaning it operates entirely on its own.

Small, lightweight robots with AI such as Thorvald, is the start of a new and more sustainable food production. New tasks like UV-treatment, replacement of manual tasks like harvesting, precision farming and reduced soil compaction problems are some examples of what the future holds.

The Thorvald platform is an autonomous modular robot that can be configured for most agricultural environments. Commercial sales will start in 2019 with UV-treatment to fight mildew. Strawberry harvester is due to be ready by 2020. Both tasks will be sold as a service to farmers who pay per hectare or per hour.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



Sensegrass is developing the world's first IoT + AI interface technology for the farmers. Through nano-satellite image mapping, Sensegrass is making agriculture more precise for big farms while helping small farmers increase their yields with their smart ground sensors.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



www

sensegrass.com



HQ

India



stage

Early-stage



challenge

Food for all

We are making farming smarter

Sensegrass is a smart IoT-AI based farming solution that helps small and large farms increase their yields.

Sensegrass is making agriculture more precise to large farms by leveraging Nano-satellite imagery and assisting small farms to improve their livelihoods by increasing their yields through an affordable, accurate and easy to implement smart soil sensor. The smart soil sensors acquire data such as radiation, air and soil temperature, humidity levels, allowing a machine learning algorithm to recommend data-based solutions that improve current fertiliser management practices and detect crop diseases, ultimately giving more precise recommendations for better cropping. Additionally, Sensegrass is working on a virtual reality system that will allow to more efficiently identify and cure plant diseases and detect the level of chlorophyll content in plants.



Wattero aims to provide the farmers of Sassandra in Ivory Coast, with access to electricity and clean water through solar panels, solar powered water pumps and water purification systems. Additionally, Wattero created a marketplace where excess energy can be sold, providing farmers with an additional source of income.



www
wattero.com



HQ
Norway



stage
Pre-seed



challenge
Food for all

Giving farmers in Côte d'Ivoire access to solar power and clean water

Less than one third of the rural population of Côte d'Ivoire have access to electricity. Most population uses expensive and polluting alternatives like kerosene lamps, AAA batteries, and are required to travel far and pay high prices to access energy including charging their phones.

Wattero offers solar panels, lighting, mobile chargers, water pumps, water purifiers and fans with flexible payment plans tailored to harvest seasons. Its system allows to sell excess power to nearby villagers creating an additional source of income. This results more people get access to electricity. In addition, to fully complement the current offering, Wattero will provide financial education, better weather forecasts and access internet.



FINANCE
FOR GOOD
powered by Nordea

Impact Challenge:
*How might we finance a sustainable
future?*



MORE MONEY FOR DEVELOPMENT

AidHedge is an innovative service that brings fintech to sustainable development and foreign aid. Every year, billions in funding are lost to inefficiency. AidHedge creates predictable, valuable and transparent financial flows, so every dollar provides maximum impact. Bottom line? Increased value of funds by 5-15%.

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IMPACT MAKER
AWARD 2018



www
aidhedge.org



HQ
Sweden



stage
Early-stage



challenge
Finance for good

Innovation to maximise funding for sustainable development and foreign aid

Foreign aid and development assistance amount to USD 200 billion every year. Tens of billions of these funds are lost due to high transaction costs, exchange rate losses, inflation and administration.

AidHedge innovative service brings financial innovation directly to development actors across the field - donors, NGOs and investors. Its algorithms analyse and highlight financial costs and risks, and provide benchmarks and visualisations so that leaders can make projects perform better.

The platform supports organisations throughout the project lifecycle, from budgeting, monitoring to reporting. Possible improvements are continuously flagged, and risks highlighted before they evolve into crises. The present system increases the value of existing funding with 5-15 % on average – and this is only the first version.



With ixo, all measurable changes that have an impact can now be transformed into Verified Impact Data with crypto-economic Proof of Impact. This gives everyone the power to deliver, evaluate or invest in impact. Together we can create the world we want and achieve the Global Goals for Sustainable Development by 2030.

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IMPACT MAKER
AWARD 2018



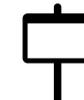
www
ixo.world



HQ
Switzerland



stage
Early-stage



challenge
Finance for good

Count what matters. Value what counts.

Not knowing whether the investments we are making into sustainable development projects are delivering the results we want to see. This information gap has real costs to investors, individuals and society. It means we cannot account for or price the intrinsic value of impacts. The formation and flows of capital for sustainability are often blocked, or badly allocated.

Knowing, with proof of impact. ixo is a powerful new programmable capital protocol for delivering, verifying and investing in impact. The ixo blockchain provides a trusted global information network that is owned by everyone. Now you can be the founder of your own impact projects, or a stake-holder in projects you believe in.



A post-industrial society poses different challenges for the structural poor left behind. However, the solidarity economy and new technologies may generate innovative opportunities for fostering more inclusive societies. In such a moment of disruption, Quipu uses alternative digital currency to drive economic justice.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



www

quipumarket.com



HQ

USA



stage

Early-stage



challenge

Finance for good

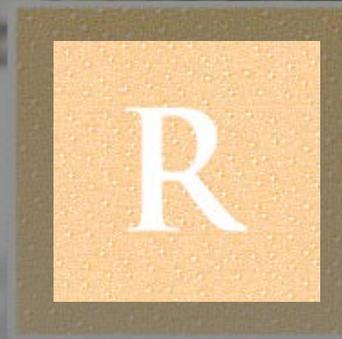
Building economic capacity and social cohesion in low-income communities

Within economically excluded, low-income communities, micro-entrepreneurs deal with money illiquidity and lack information about their local marketplace. This leads to bigger problems: the community becomes a survival economy unable to scale up, distrust builds between neighbors in an eternal circle of debts, and informal lending leads to violence.

Quipu is a digital local currency platform hosted on a mobile smartphone app that will address the end user's largest pain point: money illiquidity. Through Quipu, micro-entrepreneurs can create profiles, be visible to their community in a digital marketplace, receive credit to use, and be able to accept this credit as payment. Unbanked individuals now have access to community banking and credit creation opportunities, and local economic data can be used to enable collective action.



Rukula is a fintech-based micro-retailer. Rukula enables unbanked and under-served members of the population to purchase small household consumer durables on flexible instalments. Rukula does not require pay-slips nor guarantors or any form of collateral, neither does it charge interest nor penalties on late payments.



www
rukula.lk



HQ
Sri Lanka



stage
Growth/
Expansion



challenge
Finance for good

Including the Excluded

Micro-finance (MFI) has been around for 35 years, but despite that time and the plethora of institutions now existing, the offering is pretty much the same: group-based loans targeting micro-entrepreneurs (preferably female) for income-generating assets / working capital. If you just need a new mobile phone or a gas cooker, no-one is there to help you. MFIs do not give loans for general consumption.

Using a proprietary alternative-data algorithm to score customers, Rukula has provided over 25,000 customers with products to improve their quality of life. Rukula works through a network of 150+ SME merchants to acquire customers, and over 420 corporate and government institutions whose employees have bought products through Rukula. Having conceptualised, trialed and scaled the business in Sri Lanka, the business is expanding regionally in 2019.



US\$6Bn

in CSR funding by 2019-2020



-30%

on inefficiencies of the current system

Ruvikas provides a transparent, secure and robust platform for financing social development connecting Communities, Companies and Contractors (NGOs) where smart contracts on a proprietary Blockchain facilitate and automate the certification, management, and auditing of data by companies carrying out CSR projects.

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IMPACT MAKER
AWARD 2018



www
ruvikas.com



HQ
Norway



stage
Pre-seed



challenge
Finance for good

Blockchain solution for transparent and accountable social development funding

In India alone more than 50 million people live in rural communities with little social development. Despite that, regulation mandates large companies to spend 2% of their net profits in CSR projects (6Bn USD in 2020). However, the lack of transparency reduce the efficiency of this spending. Current practices to verify and audit spending, takes up to 30% of the these budgets.

Ruvikas' trustful platform and proprietary blockchain solution connects communities, contractors and companies with inbuilt reporting, reputation and accountability systems that diminish the certification costs and dependency on intermediaries. Ruvikas gives companies an overview of how their funds impact projects related to the UN's SDGs while helping them to become compliant with CSR regulations.

SUSTAINABLE RESOURCES

powered by Hydro

Impact Challenge:
*How might we resource our world
sustainably?*



India's crude oil import bill to peak at record \$125 bn in current fiscal: Oil ministry

A detailed ETEnergyworld analysis of historic data shows this would be the highest-ever annual cost of oil imports for India in the recent past

NewCoal

Maximising socio-economic value of agricultural waste



Aganway solves the problems of energy scarcity, farmer's low income, rural unemployment, ever-increasing CO2 emissions, waste management, toxic particulate emissions suffocating the metropolis and a burgeoning current account deficit in the world's largest democracy. Aganway makes NewCoal.

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AWARD 2018**



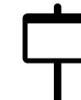
www
aganvay.in



HQ
India



stage
Early-stage



challenge
Sustainable Resources

Maximising socio-economic value of agricultural waste

The utilisation of crop residues to produce alternative fuels and chemicals is an excellent proposition to address several environmental and socio-economic problems. However, crop residues are inferior fuels and cannot be used directly in any industrial processes, owing to high costs of collection and storage, variabilities in composition and low efficiency of conversion.

NewCoal is a high-quality, environmentally safe, standardised solid fuel produced from crop residues using torrefaction technology. It can be used directly to substitute coal in diverse applications without modifications to existing infrastructure and processes. In line with the Government of India's vision to reduce dependence on fossil fuels, NewCoal enables sustainable production of Methanol – a clean fuel, and a valuable and versatile chemical reagent – from renewable sources.



CityTaps' vision is to make running water available in all households, with a goal to reach 2M people by 2022. CityTaps develops CTSuite - a smart, prepaid water meter and accompanying software - for water utilities in the developing world.

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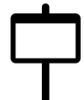
www
citytaps.org



HQ
France



stage
Early-stage



challenge
Sustainable Resources

Running water in every home

Nearly 1 billion people lack access to running water at home, facing a triple tax on poverty: in health (water is procured from unsafe sources and stored in contaminated jerrycans), time (up to 2 hours per day fetching water), and money (alternatives are 15 to 20x more expensive). The burden of fetching water disproportionately affects women and girls. Up to 70% of 3 billion utility subscribers are delinquent and risk disconnections, with dire human consequences and financial impacts on utilities.

CityTaps solves both sides of this problem: 1) inability of water utilities to self-finance or borrow to fund service extensions, particularly to the very poor, due to uncertain revenue streams and costly, labor-intensive metering, billing and delinquencies processes; 2) difficulty for the urban poor to access household connections, pay for water services, and remain connected over time.



Empower is a digital version of the plastic bottle deposit system, applying the system to all kinds of plastic waste. We can clean up the world while fighting poverty by providing an immediate reward for plastics delivered, avoiding plastic to end up in nature and incentivising clean-ups of what is already there.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



www
empower.eco



HQ
Norway



stage
Early-stage



challenge
Sustainable
Resources

A digital, global plastic waste deposit system

Empower is building a global plastic waste ecosystem to incentivise clean-ups and collection of plastic waste anywhere in a cost efficient and transparent way. The solution is a digital and quickly deployable version of the Norwegian bottle deposit system, which achieves a recycling rate of 97%. By rewarding deposit of plastic waste, it stops leakage of plastic into the environment while creating local jobs and sparking a better waste-management infrastructure.

Empower vision is that anyone should be able to pick up plastic waste, deliver it at a collection point and immediately receive a reward. The use of Blockchain technology ensures both a low cost, cross border platform, as well as full transparency and traceability. Plastic deposits are linked and traceable back to the sponsor who made it possible and on to products made out of the collected “Empower Plastic”.



www

flowius.com



HQ

Ethiopia



stage

Early-stage



challenge

Sustainable Resources

Water to people

Globally, 3.2 billion people walk for water. Nearly half are rural people living within two kilometers of a clean water source. We all understand the value of having water in the home, but for these people, the cost is too high due to expensive engineering designs, costly skilled operators, and limited access to quality infrastructure such as roads and electricity.

Flowius is a vertically integrated system which solves all these problems. It provides a limited amount of water to each home every day, drastically lowering the construction costs. Flowius systems are simple to run, minimising downtime and limiting needs for high-cost operators. All systems are supported by a network of rurally-based franchises who construct, operate, and maintain them using a suite of mobile tools. These tools allow them to map communities, build pipe networks efficiently, and run the systems effectively.

Flowius builds piped water systems that are so radically affordable that rural Ethiopians living on \$2 a day can afford to have water where they want it most: in their homes. Flowius does this by combining an engineering philosophy emphasising affordability with a network of rurally-based franchises and a suite of mobile tools.

XYNTEO EXCHANGE/NORWAY

IMPACT MAKER

AWARD 2018



Kara Solar is the first solar-powered river transportation system in the Amazon. By using the energy of the sun and respecting rivers as the traditional means of transport, Kara Solar is building a fleet of solar river canoes and recharging stations that generate zero emissions, reduce deforestation, and improve livelihoods.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



www

karasolar.com



HQ

Ecuador



stage

Early-stage



challenge

*Sustainable
Resources*

Solar canoes connecting Amazonian communities to each other and the world

Deforestation is the second most pressing issue causing global climate change, and road construction is a primary enabler of tropical deforestation. Unfortunately, new roads are justified as a “necessary evil” since communities that live in the forest also want and deserve to be connected to the outside world.

Kara Solar offers a sustainable transport alternative to roads in the Amazon without limiting local development needs. Kara is building a fleet of solar river canoes and recharge stations that generates zero emissions, reduces deforestation on 300,000 hectares of forest, and improves the livelihoods of 2000 people. Communities gain access to reliable, affordable and clean transport that keeps their natural habitat and culture intact. Kara Solar has extensive replication potential across the Amazon basin.



With an increasing global population, finding sustainable ways to produce renewable energy is imperative. Current efforts to manage solar and wind farms are inefficient and cost-intensive. Drone tech paired with analytics and machine learning are key to unlocking an effective approach to inspecting and repairing renewable energy farms.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



www

precisionhawk.com



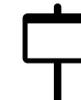
HQ

USA



stage

Growth/
Expansion



challenge

Sustainable
Resources

Drones to Revolutionise Renewable Energy

As our global population grows, identifying sustainable, renewable energy is a major factor in ensuring long-term production of this valuable resource. Specifically for wind and solar power, the rapid increase of energy farms has created an inefficient process for inspecting and managing these resources. Monitoring the farms requires highly specialised technicians to inspect and repair any issues found. However many repair personnel are required to pull double duty and handle inspections as well, creating a duality of roles that is not only an inefficient use of time but also cost-prohibitive.

With the advance of drone technology and machine learning, costly, time-intensive inspections and repairs of renewable energy farms are no longer prerequisites for maintenance. By using advanced drone technology, repair teams are able to focus entirely on repairing the farms to ensure the continued production of sustainable energy.



Strawcture Eco is dedicated to reduce the carbon footprint of construction industry and solve the housing crisis one Ekopanely panel at a time. Strawcture Eco uses 100% environment-friendly building material to build houses that are affordable, sustainable and desirable for all.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



www

strawcture.com



HQ

India



stage

Early-stage



challenge

*Sustainable
Resources*

Addressing the housing crisis, sustainably

The urban housing shortage is of 18 million and the rural housing shortage is around 47 million in India of which 90% demand is from low-income groups and families. The market opportunity for slum development is around 34 billion USD. The market opportunity for affordable housing is more than 100 billion USD to meet the demand. Stubble burning in Punjab and Haryana contributes to 32 percent of Delhi's overall pollution which according to WHO is the most polluted city in the world.

Providing farmer's an economically viable option of selling crop residue then burning which will be used to make affordable, durable and sustainable houses. The enterprise will source straw directly from farmers providing them additional income and converting the straw into customised panels using Ekopanely technology which reduces overall material-cost of the building by 30% and time by 50%.

FUTURE-FIT SOCIETIES

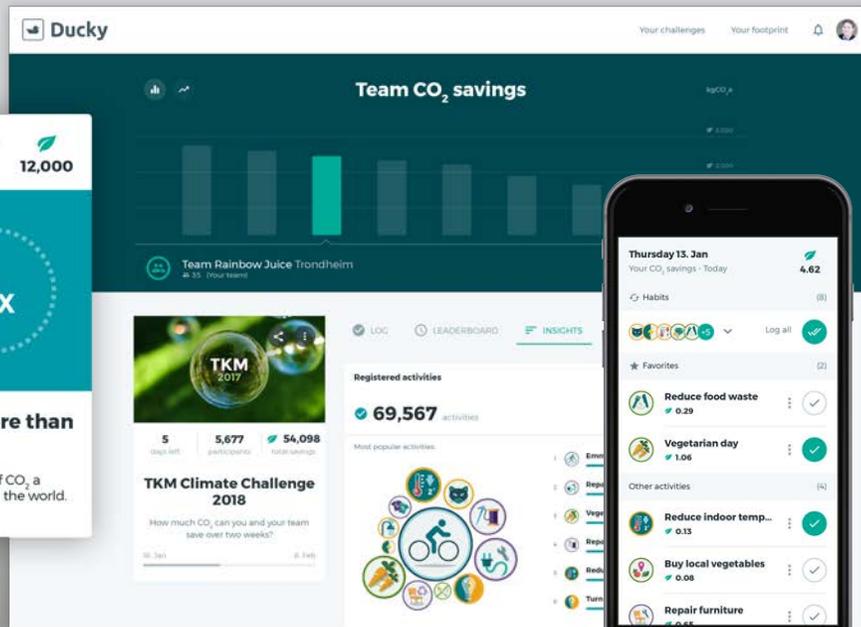
powered by OBOS



Impact Challenge:
*How might we create future-fit
societies?*



Ducky



✓ **New level for your team**
 3 h **12,000**

1x

Your team has saved more than 12,000 kgCO₂

This corresponds to the amount of CO₂ a passenger plane uses by flying around the world.

Ducky is a platform based on climate data that creates sustainability engagement and communication in organisations. The platform is designed to educate, engage and empower people to take sustainable action.

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IMPACT MAKER
AWARD 2018



www
 ducky.eco



HQ
 Norway



stage
 Early-stage

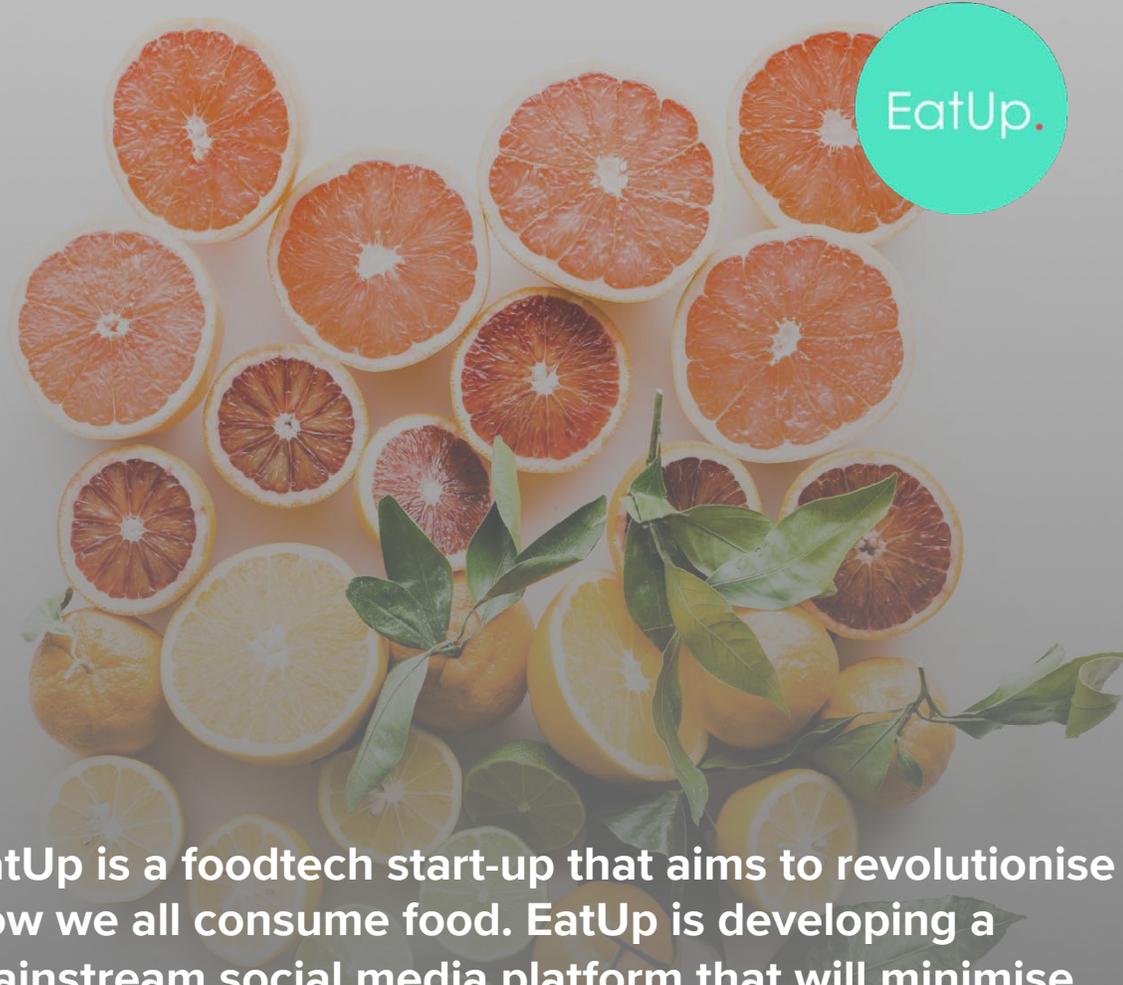


challenge
 Future-fit societies

Create Impact Now. Take Sustainable Action

Today, 4 out of 5 people are not motivated to live more sustainable and 86% of workers believe it is important that their own employer is responsible for the society and the environment.

Ducky is a platform based on climate data that creates sustainability engagement and communication in organisations. The platform is designed to educate, engage and empower people to take sustainable action. Ducky invites users to join climate challenges, measuring their personal and collective impact and providing the knowledge on how their lifestyles can create a positive impact both at home and work.



EatUp is a foodtech start-up that aims to revolutionise how we all consume food. EatUp is developing a mainstream social media platform that will minimise consumers food waste - no matter if they care about food waste or not.

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**IMPACT MAKER
AWARD 2018**



www

*startupmatcher.com/
s/eatupas*



HQ

Norway



stage

Pre-seed



challenge

Future-fit societies

Revolutionising how we all consume food

Food waste is a multilayer societal problem: it's expensive (Norwegians throw food worth 20M NOK yearly), offensive (793M people go hungry) and worsens climate change. Global population is growing and middle-class raising, still, 33% of all food produced today is wasted. We need do more with less.

EatUp is being built as a social platform to optimise both people's grocery shopping and consumption. EatUp is focusing on delivering value, whether the users care about food waste or not. In this Instagram-like "mainstream" network, users will be able to share recipes, follow friends, food bloggers, and find inspiration. The app will help planning food purchases and optimise cooking. Users will save time and money, eat healthier, greener and more varied, and get suggestions based on what's already in their fridge.



No
Isolation



No Isolation is a Norwegian startup, founded in October 2015. No Isolation tackles loneliness and involuntary social isolation by developing technology for people living in vulnerable situations, and by setting the agenda through being a thought leader on issues related to the topic.



www

noisolation.com



HQ

Norway



stage

*Growth/
Expansion*



challenge

Future-fit societies

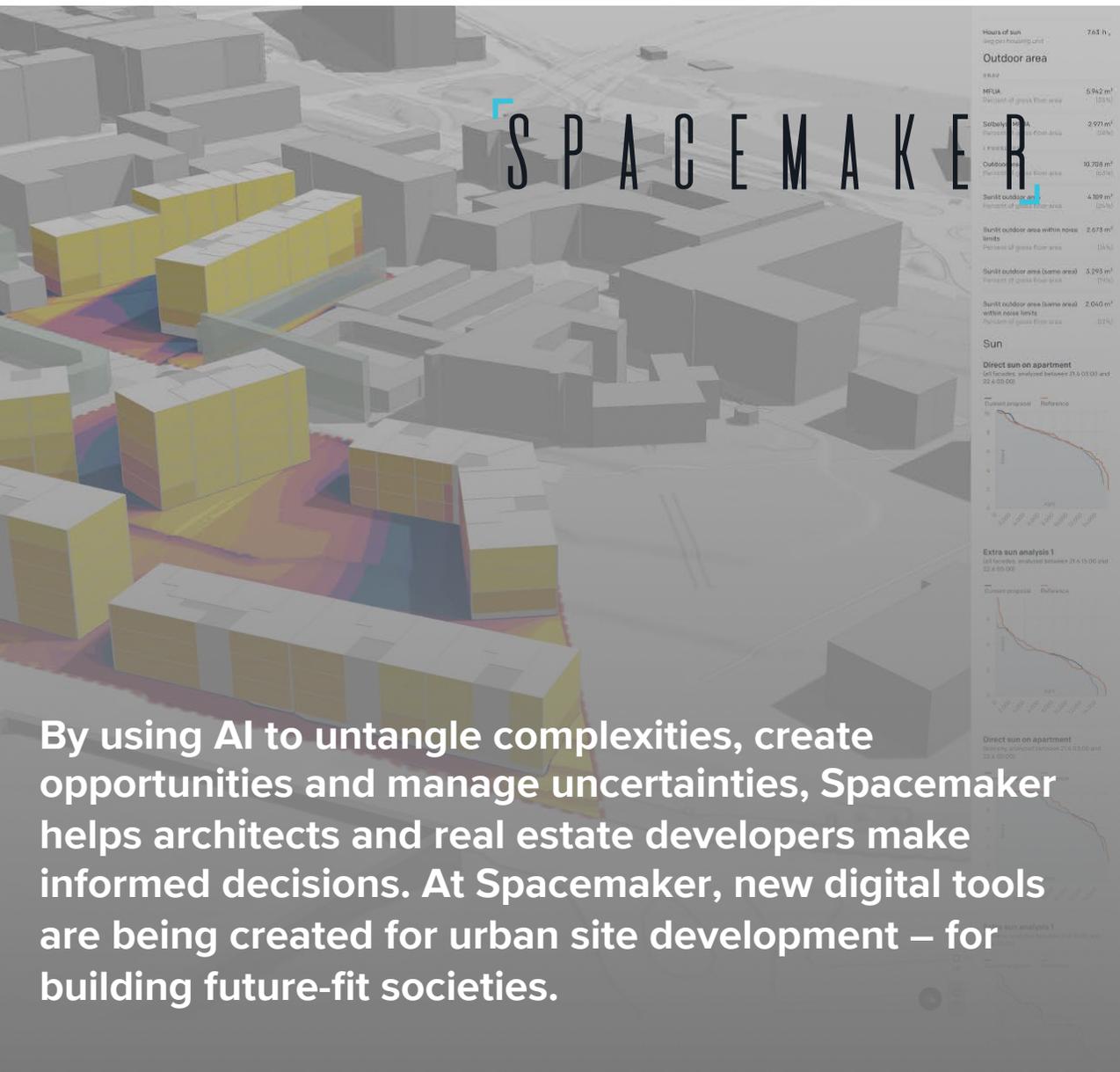
We bring people together

In Europe, 7.2% of people say they can go a whole year without meeting friends, family or neither. For some, these are periods of loneliness, for others it can be a state lasting for many years, which might lead to serious physical and mental health issues.

At No Isolation, communication tools are being created with the goal of reducing social isolation in society. No Isolation first product is AV1, the telepresence robot designed to allow children and young adults with long-term illness to participate in their social and educational lives. AV1 was launched in August 2016 and currently helps more than 650 children across 13 countries. Its second product is KOMP, the one-button screen designed to improve the communication across generations, regardless of technological skills. Through KOMP, seniors can receive messages, photos and video calls. As of today, more than 100,000 moments have been shared with KOMP.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



By using AI to untangle complexities, create opportunities and manage uncertainties, Spacemaker helps architects and real estate developers make informed decisions. At Spacemaker, new digital tools are being created for urban site development – for building future-fit societies.



www

spacemaker.ai



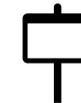
HQ

Norway



stage

Growth/
Expansion



challenge

Future-fit societies

We believe there is a better way to build our cities

The world is experiencing an extreme and rapid urbanisation, and more than 90% of future population growth will happen in the cities. This leads to larger, denser and more complex real estate development projects all over the world. Today's development methods are not capable of tackling the extremely complex task of urban site development.

With the use of AI Spacemaker has made a digital tool to untangle complexities of urban site development, so that developers and architects can get optimal site layouts based on their wishes and at the same time know that all regulatory requirements are met. Taking into account factors as view, daylight, noise and utilisation Spacemaker helps building better cities for people all over the world.

XYNTEO EXCHANGE/NORWAY

IMPACT MAKER
AWARD 2018



If people understand that the world is improving, they will want to help making it even better. The programme aims to engage and motivate children and young people to contribute with their knowledge, talent and creativity in making a difference in their communities. Presenting challenges and helping them come up with their own solutions.



www

wasteworksyard.com



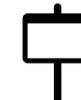
HQ

Norway



stage

Early-stage



challenge

Future-fit societies

Empower teachers worldwide to educate kids on the challenges and problems the world face today

Countries need to prepare teachers better to educate on human-made impact on the environment. The Global Education Monitoring report 2017/18 by UNESCO states: “Teachers are clearly being left poorly prepared to teach a way forward for addressing the acute environmental issues, including climate change, to the waves of students passing through schools.”

Develop a coherent and story-based educational programme with a flexible and expandable content that gives the right tools to educate and raise the next generation to be creative and innovative minds who contribute to a sustainable and healthy environment. Empower teachers to increase consciousness and competence of all topics related to climate change and change individual behaviour.

COMMUNITY

EMPOWERED

LIVES

powered by Xynteo

Impact Challenge:
How might we improve the lives of everyone?



Black women suffer the worse consequences of inequality in Brazil, the 10th most unequal country in the world. AFRORICA\$ is an online education project that aims to offer empowering and transformative information to black women to change their realities and achieve better living conditions.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



www

afroricas.com.br



HQ

Brazil



stage

Pre-seed



challenge

Empowered lives

Empowering black women to achieve their dreams

Studies show black women are the most deprived group and major target of violence in Brazilian society. In addition, Brazilian's current economic recession has resulted in a halt in public investment for over 20 years in areas such as education and health, making things even harder for these women.

AFRORICA\$ will empower black women through education, providing information on multiples subjects such as career and formal labor. The goal is to empower black women, so they will be capable of breaking enduring cycles of social vulnerability. The content, released via YouTube Channel, is tailored for black women, but made public for all interested in accessing empowering information and fight for better life conditions. AFRORICA\$ wants black women to have the freedom to drive their own lives.

BIOSCAN
RESEARCH



Traumatic Brain injury is a leading cause of disability in the world, affecting about 10 million people every year. When detected late, brain damages can be irreversible. Cerebo is a fast, portable, non-invasive brain haemorrhage detector. It detects intracranial bleed within 2 minutes, with a 100% detection accuracy in human study.



www

bioscanresearch.com



HQ

India



stage

Early-stage



challenge

Empowered lives

Fast, portable, non-invasive brain haemorrhage detector

Around 10 million people are affected each year by traumatic brain injury leading to disruptions in the normal functioning of the brains. The injuries are often detected at late stage in absence of symptoms. The non-portability of CT or MRI scans severely limits fast and onsite screening, leading to high mortality and disability among the injured.

Bioscan Research has developed Cerebo, a handy, non-invasive, fast and fully computerised system to detect intracranial bleed within 2 min. It does not require any trained medical staff to operate the device and can be used multiple times at the slightest suspicion of injury, causing no harm to the patient. It can be easily carried around for a on-the-spot assessment, enabling early detection and early treatment. Cerebro will help saving the lives of millions of patients, whose brain injuries are currently undiagnosed.

XYNTEO EXCHANGE/NORWAY

IMPACT MAKER
AWARD 2018



diwala

Diwala aim to bring transparency and trust to aspiring youths and displaced community by providing them with a global and decentralised proof of skills. Diwala as a platform also enables digital verification and certification of skills, challenging fraudulent information and loss of employment & educational opportunities.

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IMPACT MAKER
AWARD 2018



www
diwala.io



HQ
Norway



stage
Early-stage



challenge
Empowered lives

Cultivate a global skill market with trust and transparency, incentivise growth and independency for all

The current problem in developing countries is that certificates of education are often corrupt and/or costly for organisations to verify. Not only it slows down business processes to verify, it prevents talented youths from opportunities in term of monetary and time costs for proving their skills.

Diwala platform brings the nature of decentralised technology to skill certificates: information that are secured, have traceable changes, and capable of sharing without giving up user's ownership. With these notions, youths, schools, businesses can have trust in the transparency of certificates that Diwala provides, ease up hours and money costs in sharing and verifying process. Ultimately talented youths will have a better access to new opportunities through Diwala.

doctHERs



Using Technology to reintegrate women into the global health workforce doctHERs matches the under-utilised capacity of female doctors (who otherwise would be excluded from the workforce) to the unmet needs of health seekers in underserved communities.

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IMPACT MAKER
AWARD 2018



www

docthers.com



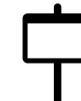
HQ

Pakistan



stage

Early-stage



challenge

Empowered lives

Connecting women, improving health, transforming lives

The exclusion of women in the workforce in both developing countries and mature markets has resulted in not only a massive loss of human potential but also loss of human life - especially in countries (including the US) where millions of people continue to lack access to quality, affordable healthcare. It is estimated that there are over 300,000 licensed female doctors who are transitionally excluded from the global health workforce due to rigid health systems that have not adapted to the 21st century needs of an agile workforce.

doctHERs reintegrates female healthcare providers (HCPs) who have been excluded from the workforce by using a digital health platform that connects remotely-located female doctors (who work from home) to patients in need via trusted intermediaries such as tablet-equipped nurse/midwife-assisted video-consultation (telemedicine).



Embark is a 'reverse mentoring' service connecting young, talented refugees with established business leaders to exchange ideas, develop understanding, and build meaningful connections. Embark's vision is a future where refugees are integrated into their host communities and acknowledged as a vital part of local economies.

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AWARD 2018**



www

embarkmentorship.com



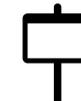
HQ

Turkey



stage

Early-stage



challenge

Empowered lives

Connecting communities to learn, inspire and thrive together

Refugees face widespread discrimination from potential employers. Yet the diverse spectrum of refugees crossing borders bring with them extensive professional experience and expertise and present a remarkable talent pool for local businesses to draw from. Refugees also form an important new market segment for businesses in host countries to cater to.

By engaging with young, driven refugee jobseekers through the Embark programme, business leaders can gain fresh perspectives and awareness about this group and how best to integrate them into the economy. Conversely, their 'mentors' have a chance to build meaningful connections with the business community and develop the cultural insights and soft skills to help them succeed. And by widely sharing the Embark story, the narrative about refugees as an economic burden is reversed and integration instead as an opportunity for shared prosperity is promoted.



3 billion people are affected by Vector Borne Diseases worldwide. VBDs account for 700k deaths annually, with 50% occurring in children under 5 in Sub Saharan Africa. The Inesfly Microencapsulation Technology prevents VBDs in humans and animals.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



www

inesflyafrica.com



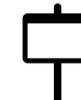
HQ

Spain



stage

*Growth/
Expansion*



challenge

Empowered lives

Empowering Communities through the eradication of Vector Borne Diseases

Yearly, >1 million people die from diseases carried by mosquitoes, flies and other insects. Since 2014, major outbreaks of dengue, malaria, chikungunya, yellow fever and Zika have afflicted populations, claimed lives and overwhelmed health systems in many countries. They present a risk in all regions. The most affected are the world's poorest people, especially those living in remote rural communities far from health services.

Inesfly Africa provides a breakthrough solution to disease vector control through an innovative microencapsulation technology. The technology allows the gradual and controlled release of active ingredients, targeting disease vectors and providing at least 2 years protection. Through a range of paint, coatings and solution treatments Inesfly is “vaccinating” homes across Africa against disease vectors.

JANA



The largest provider of free internet in emerging markets, Jana provides over 2 million people with free, unrestricted internet access via the mCent Browser mobile app. Generating over 100 million USD annually, mCent Browser is now the world's largest independent mobile web browser by market share.

XYNTEO EXCHANGE/NORWAY
IMPACT MAKER
AWARD 2018



www
jana.com



HQ
USA



stage
Growth/
Expansion



challenge
Empowered lives

Making the internet free for the next billion

Mobile data plans are prohibitively expensive for most people in emerging markets. How will the next billion come online in countries where the average person needs to work for 8 hours to afford a one gigabyte data plan?

Jana has spent 10 years developing a technology integrated into the billing systems of 566 mobile operators and available to 4.56 billion mobile subscribers. This platform can now deliver free, unrestricted internet access to more than half of all people on Earth. By using the advertising revenue generated from its mobile browser to offset its users' data costs, Jana has developed a sustainable way to make an impact on the lives of billions. 3 months after launch, mCent Browser became the largest independent web browser by market share globally. And today it is one of the fastest growing mobile apps in history.



Quality healthcare should not be a luxury good. Quali Health believes quality healthcare should not just be accessible to the haves while the have nots suffer extreme want. Quali Health mission is simple, democratise access to affordable quality healthcare for all.



www
qualihealth.co.za



HQ
South Africa



stage
Growth/
Expansion



challenge
Empowered lives

Improving Your Quality Of Life

Lack of access to quality healthcare is a global phenomenon that continues to disadvantage the low income communities. Healthcare has erroneously become a luxury good in that it's only the economically elite that are able to access it to its full potential while the vulnerable members of society suffer a poor quality of life and premature deaths.

Quali Health is a provider of high quality, primary healthcare services in underserved areas. Its mission is to ensure that every single person has access to affordable, convenient and quality healthcare. Quali Health believes that everyone deserves healthcare that is delivered in a dignified, respectful and compassionate manner.



Building healthy, prosperous communities

Sanergy serves 80,000 residents of urban slums with safe sanitation for the very first time. Sanergy’s model empowers communities to own and operate the toilets, and guarantees the safe collection, treatment, and reuse of the waste. Sanergy currently operates in Nairobi, with a vision to expand to other cities.

XYNTEO EXCHANGE/NORWAY

IMPACT MAKER AWARD 2018



www saner.gy



HQ Kenya



stage Early-stage



challenge Empowered lives

Solving the sanitation crisis in urban slums, starting with Nairobi, Kenya

2.5 billion people lack access to a toilet globally, 4.5 billion people use sanitation systems that discharge human waste back into communities. Each year 760,000 children die of sanitation-related diseases and \$260 billion is lost in global economic productivity.

Sanergy’s innovative solutions contain, empty, transport, treat and reuse - rather than just dispose - the waste as valuable end-products. Build: Build a franchise network of sanitation facilities - Fresh Life Toilets (FLT). Cartridge-based, waterless technology system ensures that waste is safely contained and reduces demand on valuable water resources. Currently there’s a network of 2000 toilets serving 80,000 people daily. Collect: A team collects and transports 20 tons of waste daily to a reuse plant. Treat & Reuse: Convert the waste to high-quality end-products; organic fertiliser and animal feed.



What gets measured gets done! If you don't know where you are, it is difficult to reach your goal. The SHE index will help companies improve their gender balance by giving every company a map of how they are doing compared to their competitors, in what area they are doing good progress and what they need to improve.

XYNTEO EXCHANGE/NORWAY

**IMPACT MAKER
AWARD 2018**



www

sheconference.no



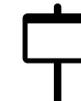
HQ

Norway



stage

Early-stage



challenge

Empowered lives

What gets measured gets done

Studies have repeatedly shown that companies with a critical mass of women in leadership perform better, have higher stock value, are better at retaining talent. To succeed in the future, companies need to make sure they are able to attract and keep a diverse talent base and move these talents all the way up to the top.

The SHE Index will accelerate change by giving every company a map of how they are doing compared to their competitors, in what area they are doing good progress and where they need to improve. 25 of Norway's largest companies participated in the first beta test. The index is opening to all interested companies, totally free of charge. SHE is transforming the index into a tool that improves both operations and profitability of participating companies. Meanwhile inspiring others to take action towards addressing gender balance.



YOUNG PEOPLE TRAVELING THE WORLD
AND WORKING TOGETHER TO START THEIR
CAREER AS CLIMATE LEADERS

To build the next generation of climate leaders, YCL offers a unique experience for participants: different learning journeys around the world where young people can learn more about climate change in theory, understand it in practice, and work on hands-on projects together to start their careers as climate leaders.

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IMPACT MAKER
AWARD 2018



www

youthclimateleaders.org



HQ

Brazil



stage

Early-stage



challenge

Empowered lives

Despite accounting for half of the world's population, youth face great barriers to land a job in the field of sustainability. Many young people lack skills, funding and networks to have a meaningful contribution to the climate crisis. At the same time, organisations from all sectors struggle to hire passionate young people for their climate projects.

YCL supports youth to find jobs and opportunities aligned with their purpose, and organisations hiring young talents who are willing to dedicate their lives to the cause of climate justice. YCL offers a unique experience for participants: different learning journeys worldwide, where young people learn about climate change in theory, understand it in practice, and work on hands-on projects together to start their careers as climate leaders. After the trainings, participants become part of the YCL Network, a consulting firm that offers professional opportunities.



VERE.360 goal is to increase empathy towards social causes in Southeast Asia and beyond. It harnesses the power of immersive technology to educate and raise awareness for social causes. Produce immersive promotional content for socially driven organisations & design VR-assisted workshops for educational organisations.

Photo by [Lux Interaction](#) on [Unsplash](#)



www
vere360.org



HQ
Singapore



stage
Early-stage



challenge
Empowered lives

Virtual experience. Real empathy

Consider the following profiles: Ann is a social entrepreneur trying to increase the downloads on her app that tracks food wastage in Singapore; Bob, the CEO of a charity, is trying to raise fund for a blind-cooking project; then there is an Indonesian foundation trying to raise donations. These are the profiles of some of VERE.360 previous clients. They are all trying to raise awareness of their causes. While most socially driven organisations are working for important causes, they often find it difficult to engage the public.

VERE.360 is a team of storytellers who create immersive content, often VR, for such socially driven organisations to help them immerse their potential clients and funders into their causes. VERE.360 believes that engagement in social causes is best started at a young age. This is why VERE.360 designs VR-assisted workshops on social causes.



**MORE ABOUT XYNTEO
AND THE XYNTEO
EXCHANGE**

XYNTEO

WHAT IS THE XYNTEO EXCHANGE

A **cross-industry, cross-sector** programme designed to **connect ideas, talent and capital** to **generate new growth opportunities** that are fit for the future



verizon^v



Nordea



Over 36 hours, guests experience three core elements of the Exchange programme: the **Square**, **Studios** and the **Marketplace**



SQUARE

Interactive **plenaries** to challenge accepted wisdom and inspire action



STUDIOS

Open innovation **workshops** to seed commercial solutions to human problems



MARKETPLACE

A **curated marketplace** to connect and scale up existing solutions



"The Xynteo Exchange is not your typical conference"

SVEIN TORE HOLSETHER – CEO, Yara

XYNTEO

THE XYNTEO EXCHANGE

Now entering our **3rd year**, we have brought together **over 1000 people** and generated **80 project concepts**

Highlights from 2018



"I had never thought about all the connections between the systems in which I work and live. It is very refreshing thinking."

ISHMAEL SUNGA – CEO, Southern African Federation of Agricultural Unions

XYNTEO

THANK YOU

Apply by 25 August for the
Impact Maker Award 2019

XYNTEO

LONDON x OSLO x NEW DELHI x
MUMBAI



www.xynteo.com

Contact us at ImpactMakerAward@xynteo.com

Our mission is to reinvent growth – *together*

We work with global business leaders to help them change themselves, their companies and the systems within which they operate – in service of a future-fit growth model.

We believe that business has a critical role to play, due to its unique capacity for innovation and scale.

We recognise that business leaders are at their most powerful when they collaborate across industries, sectors and borders.



Smt. Rajashree Birla
Indian philanthropist



Svein Tore Holsether
CEO of Yara Intl
Erna Solberg
PM of Norway



Jeremy Hillman
Director of Corporate Communications,
World Bank with Inspired Leadership Award
nominees