



Challenge 3

The need for innovation -
supporting the
Entrepreneurial Discovery Process (EDP)

Finding Opportunity ↔ Finding willing Innovators



Major themes taken up

- 1) Access to cross-regional networks/information within the quadruple helix
- 2) Better communication between stakeholder types to better use of tacit knowledge
- 3) Improving access to specialized local expertise
- 4) Deepening international links / access to resources



What can we do together ?

Strengthening Networks in East and North Finland

- Based on innovative and knowledge intensive companies / sectors
- Based upon opening audit – **learn from the best**
- Vision: Smarter & Greener East and North Finland
- Credible and sustainable- secured not temporary
- Convincing business and new businesses and people
- Convincing all stakeholders of the common vision - win-win
- Look in the mirror and commit to change
- Simplify not complicate - defragment





What, why, when, who and How ?

- What : A Pilot to form Network Resilience Engines that can be replicated to other relevant sectors
- Why : To convince all quadruple helix stakeholders that Innovation works if the supporting framework is clear, credible, accessible and bankable. To increase regional innovation.
- When : When we have looked in the mirror and committed
- Who : EU, National Level, ENF Level, Regional Level stakeholders
- How : By bravely accepting the need for reform/change, self-interest and fragmentation and a pilot to discover the concrete steps, in a specific vertical that offer us all some quick wins.



Solutions for Climate Change and carbon sinks

- **Smarter & Greener ENF Network Resilience Engine**



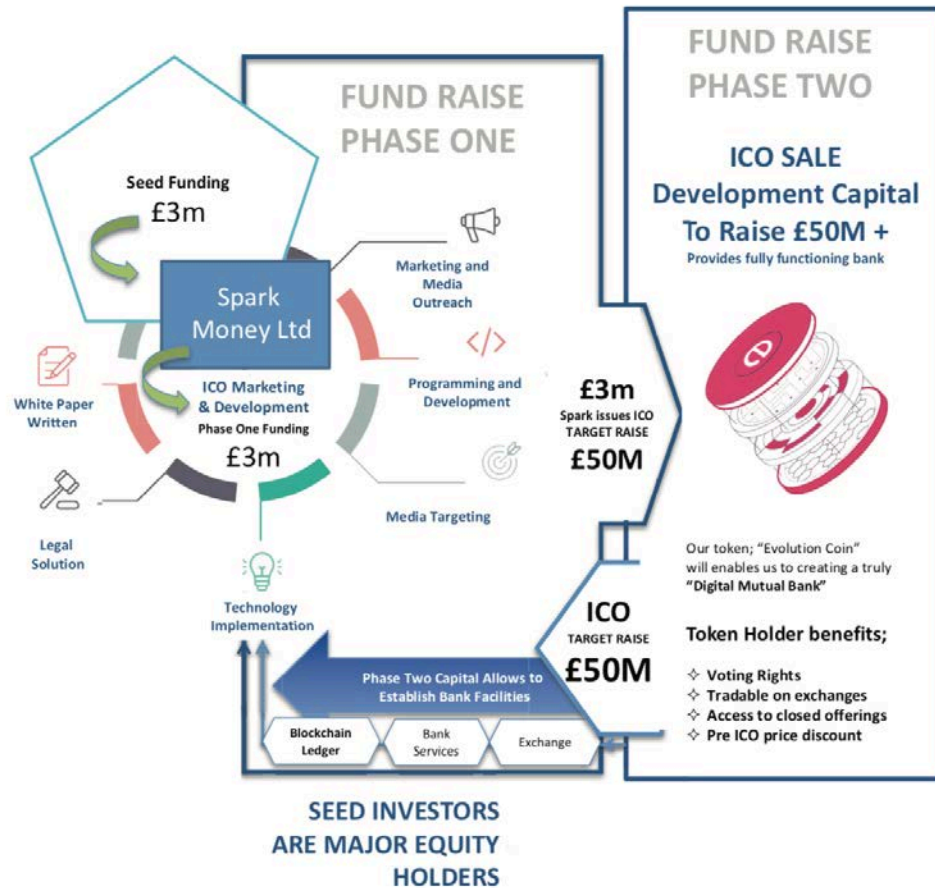
Task / Action	24.10.2018	31.10.2018	2019	Next 6 years
Mapping of potential existing networks (international, national, cross-regional)	Decisions on priorities (RIS3) in ENF, resources for mapping	Added value creation for participants	Securing the continuity of the process	Stronger collaboration between ENF regions and regional stakeholders
Deciding on new thematic and cross sectoral partnerships in ENF	Decisions on priorities (RIS3) in ENF	Interfaces between smart and green sectors (e.g. Forest&Photonics) Added value creation for participants	Securing the continuity of the process	Will create new products, services, projects, pilotings, clusters/ecosystems and added value
Piloting of Network Resilience Engines (Solutions for Climate Change and carbon sinks)	Defining initial project plan	Looking for best specialists and operating models “Learning from the best”	Planning of the pilot project together with actual actors	Business development processes
Creating real-time RDI-infrastructure, competence and services platform “Smarter & Greener East and North Finland”	Resources for the data collection	Mapping existing RDI-infrastructure and services and companies / expanding work from one region to ENF.	Creating operating models on how to engage companies to platform, organizing open forums for companies on RDI-challenges	Stronger cooperation between ENF RDI-actors and companies. New competitive service models which are well known also outside of Finland.

30.8.2018

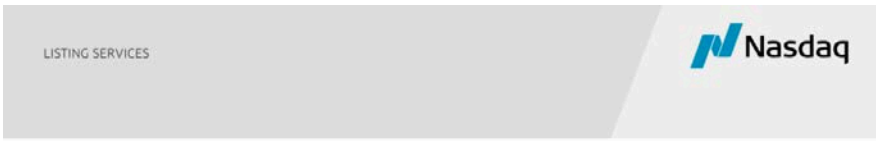
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Raporteurs slide



**SEED INVESTORS
ARE MAJOR EQUITY
HOLDERS**



Nasdaq Green Bond Criteria

Nasdaq is proud to have launched the first Sustainable Bond Market in the world and to be a part of the transition towards more sustainable financial markets. The Nasdaq Sustainable Bond Market was launched in July of 2015 with a total volume of 740 million euro and has grown at an impressive pace ever since.

International standards define sustainable bonds as loans used to finance projects that bring clear environmental and social-economic benefits. Green Bonds are defined as loans used to finance environment friendly initiatives and Social Bonds are used to finance projects achieving positive socio-economic outcomes. This fact sheet describes Green Bonds and Nasdaq's criteria for listing them. Read our [social bond criteria](#) and [sustainable bond criteria](#) to learn more about other types of bonds that are eligible for the Sustainable Bond Market. There are currently two sustainable bond segments at Nasdaq, one on the Nasdaq Stockholm main market and one on Nasdaq First North Bond Market. To be eligible to list on either market, issuers need to meet the relevant criteria which Nasdaq has developed in cooperation with Sustainalytics, a global leader in environmental, social and corporate governance (ESG) research. The Green Bond Criteria are based on the Green Bond Principles, for which the International Capital Market Association acts as secretariat.

THE GREEN BOND PRINCIPLES

The Green Bond Principles (GBP) are voluntary process guidelines for issuing green bonds. The GBP outlines four core concepts of green bond issuance:

1. Use of Proceeds
2. Process for Project Evaluation and Selection
3. Management of Proceeds
4. Reporting

1. Use of Proceeds

The use of proceeds needs to go towards projects that deliver clear environmental benefits. Areas of eligible projects include, but are not limited to:

- Renewable energy (including production, transmission, appliances and products)
- Energy efficiency (such as in new and refurbished buildings, energy storage, district heating, smart grids, appliances and products)
- Terrestrial and aquatic biodiversity conservation (including the protection of coastal, marine and watershed environments)*Green buildings which meet regional, national or internationally recognised standards or certifications.

For further examples of eligible projects, we recommend issuers to consult the GBP, our website or contact our listings team directly.

We recommend that issuers are transparent not only in which projects are financed but also in regards to the process of project selection and evaluation. Issuers should aim to be transparent about why the financed projects have been chosen. Furthermore, it is important that a green bond issuer sets up routines and systems to make sure that the proceeds are allocated to the intended projects.