



Results from the co-creation workshop with Nordic Innovation

CLUSTERS AS DRIVERS OF NORDIC SMART MOBILITY AND CONNECTIVITY

May 16th, 2018, Stockholm

Ideas on the table during the brainstorming session:

<p>Mobility as a service</p> <ul style="list-style-type: none"> – Business models (planning, payment, operations) – Human behaviour – Collaborations between operator, cities, ICT platforms – Mobility in and from urban areas 	<p>Smarter transfer of knowledge</p> <ul style="list-style-type: none"> – Universities and research institutions are constantly making research and findings which few know about – Transfer these findings to business and possible partners – The Nordics is a bigger market than each country 	<p>Solving global needs of mobility</p> <ul style="list-style-type: none"> – Understand and design – Develop export 	<p>Local distribution of food (Uber model for foods?)</p>
<p>Technology and services</p>	<p>VR technology and mobility</p> <ul style="list-style-type: none"> – Infrastructure / digital platform – As means of training 	<p>Sustainable / smarter travels and tourism across the Nordics</p>	<p>New and green materials and building methods</p>
<p>Co-creation between public sector and SMEs</p> <ul style="list-style-type: none"> – Utilising quick experiments – Public procurement – Develop a sustainable market 	<p>IoT services for mobility</p> <ul style="list-style-type: none"> – Using IoT / cars etc. and distribute information 	<p>Test last of mile or first mile – connectivity between cities and rural communities</p>	<p>Sustainable aviation – short distance travel</p>
<p>The new concept of modular mobility</p> <ul style="list-style-type: none"> – Grid / footprint / flexibility – Systems – service 	<p>The connected ship</p> <ul style="list-style-type: none"> – E-navigation and autonomous vessels – Connectivity to / from ships – ITC ecosystems integration 	<p>Guidance and safety in built environments</p>	<p>Potential for new business</p> <ul style="list-style-type: none"> – Revenue – Market
<p>Last mile – autonomous package delivery</p>	<p>Technology as means of getting out information to drivers / roads users and emergency services</p>	<p>Sustainable building blocks for mobility</p>	<p>Mobility systems – it's all about people</p>
<p>Autonomy in tunnels</p>	<p>Seamless transfer – Sea to land</p>	<p>Digital platform for cluster logistics</p>	<p>Scanning Nordic mega trends on mobility</p>

Project ideas developed during the workshop:

Title	Project idea	Competences	Contact person
Cross-cluster learning within autonomous Technologies	<p>Ships, trucks, cars and trains are increasingly connected and use autonomous systems. The project idea is to explore how we can:</p> <ul style="list-style-type: none"> – Create a Nordic collaboration and knowledge exchange on autonomous technologies – Attract and educate people – (Identify?) what infrastructure and systems are needed 	<ul style="list-style-type: none"> – What is going on – What are the Nordic competences – What is the potential? – Brainstorm + matchmaking – How do we proceed? 	<p>Jan Boysen, Maritime Development Centre jb@maritimecenter.dk</p>
Multinational visibility of goods	<p>Create Nordic collaboration on tracking cross value chain collaboration – a joint platform on security, safety and efficient transportation – a platform for freight consolidation.</p>	<ul style="list-style-type: none"> – What is the problem – to be developed by Eyde Cluster, SAMS and NTSC – Mapping the competences by SAMS and Mobile Heights – Matchmaking by Mobile Heights – Business Models by NTSC & Mobile Heights – How do we proceed: by Maritime Development Centre 	<p>Jan Boysen, Maritime Development Centre jb@maritimecenter.dk</p>
Knowledge-sharing on mobility and connectivity that leads to action	<p>Platform: To create an online platform for:</p> <ul style="list-style-type: none"> • Knowledge sharing • Scanning megatrends • Look for experts <p>Target</p> <ul style="list-style-type: none"> – One innovation project from each country. <p>Action:</p> <ul style="list-style-type: none"> – Search for partners – Re-acting to opportunities – EU calls info – Inform end-users 	<ul style="list-style-type: none"> – Create the platform (by one partner from each country) – Nordic Innovation needs to own the platform – A Steering group 	<p>Karl Fridriksson, Innovation Center Iceland Karlf@nmi.is</p> <p>Bjarke Kovshøj, CLEAN bik@cleancluster.dk</p>