



**FRANSK-NORSK STIFTELSE FOR VITENSKAPELIG OG TEKNISK FORSKNING OG INDUSTRIELL UTVIKLING (FNS)**

**FONDATION FRANCO-NORVEGIENNE POUR LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE ET LE DEVELOPPEMENT INDUSTRIEL (FFN)**

**Pôles de compétitivité in France  
and Centres of Excellence, Centres of Research Based Innovation,  
Centres of Expertise and Centres for Environment-friendly Energy Research in Norway**

**France:**

[National website of French Pôles de Compétitivité](#)

**Norway**

[Norwegian Centres of Excellence \(CoE/SFF\) - \(21\)](#)

[Norwegian Centres of Research-based Innovation SFI \(21\) + 17 new Centres selected in November 2014](#)

[Norwegian Centres of Expertise NCE \(12 + 2 International status\)](#)

[Centres for Environment-friendly Energy Research FME \(11\)](#)

R&D Area	French Global Poles	Norwegian Poles
Aero and Space Technology	Aerospace Valley INTERNATIONAL <a href="http://www.aerospacevalley.com/en/">http://www.aerospacevalley.com/en/</a>  Astech Paris/Région <a href="http://www.pole-astech.org">www.pole-astech.org</a> Pegase <a href="http://www.pole-pegase.com">www.pole-pegase.com</a>  Route des Lasers (optics and laser) <a href="http://www.routedeslasers.com/en/">http://www.routedeslasers.com/en/</a>  Institut de recherche technologique (IRT) <a href="http://www.irt-saintexupery.com/">http://www.irt-saintexupery.com/</a>	<b>Centre of excellence (SFF)</b> Birkeland Center for Space Science BCSS (University of Bergen) <a href="https://birkeland.uib.no/">https://birkeland.uib.no/</a>  <b>Centers of expertise (NCE)</b> NCE Systems Engineering Kongsberg <a href="http://nce-se.no/index.php/nce-se-en">http://nce-se.no/index.php/nce-se-en</a>

<p>Aquaculture and Food Industry</p>	<p>Aquimer (Aquaculture) <a href="http://www.poleaquimer.com/en/">http://www.poleaquimer.com/en/</a></p> <p>Mer Bretagne Atlantique <a href="http://www.pole-mer-bretagne-atlantique.com/innovate-to-prosper.php">http://www.pole-mer-bretagne-atlantique.com/innovate-to-prosper.php</a></p> <p>Mer Méditerranée <a href="http://en.polemermediterranee.com/">http://en.polemermediterranee.com/</a></p> <p>Vitagora (Taste-Nutrition-Health) <a href="http://www.vitagora.com/en">http://www.vitagora.com/en</a></p>	<p><b>Centres for research-based innovation (SFI)</b>  <b>SFI – CRISP- Centre for Research-based Innovation in Sustainable fish capture and Pre-processing technology (IMR) SFI 2007-2015</b>  <a href="http://www.forskningsradet.no/prognett-sfi/Artikkel/Centre_for_Researchbased_Innovation_in_Sustainable_fish_capture_and_Processing_technology_CRISP/1253966914304">http://www.forskningsradet.no/prognett-sfi/Artikkel/Centre_for_Researchbased_Innovation_in_Sustainable_fish_capture_and_Processing_technology_CRISP/1253966914304</a>  <b>SFI Sea Lice Research Centre, SLRC SFI 2007-2015</b>  <a href="http://www.slrc.no/">http://www.slrc.no/</a>  <b>SFI Exposed Aquaculture Operations (new November 2014)</b>                      Contact person Hans Vanhauwaert Bjelland, <a href="mailto:hans.bjelland@sintef.no">hans.bjelland@sintef.no</a>  <b>SFI Centre for Research-based Innovations in Controlled-environment Aquaculture (CtrIAQUA) (new November 2014)</b>                      Contact person Bendik Fyhn Terjesen, <a href="mailto:bendik.terjesen@nofima.no">bendik.terjesen@nofima.no</a>  <b>SFI Foods of Norway (new November 2014)</b>                      Contact person Margareth Øverland, <a href="mailto:margareth.overland@nmbu.no">margareth.overland@nmbu.no</a></p> <p><b>Centres of excellence (SFF)</b>                      SFF - CREATE - SFI in Aquaculture Technology SFI 2007-2015  <a href="http://www.sintef.no/create">http://www.sintef.no/create</a></p> <p><b>Centres of expertise and Arena</b>                      NCE Aquaculture <a href="http://www.nceaquaculture.com/wips/568630571/">http://www.nceaquaculture.com/wips/568630571/</a>                      ARENA OCEAN OF OPPORTUNITIES  <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-Ocean-of-Opportunities/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-Ocean-of-Opportunities/</a>                      AkvArena <a href="http://akvarena.no/">http://akvarena.no/</a></p>
<p>Biotechnology and Biomedical Industry Health</p>	<p>Innovations Thérapeutiques <a href="http://www.alsace-biovalley.com/?setLang=E">http://www.alsace-biovalley.com/?setLang=E</a></p> <p>Lyon Biopôle INTERNATIONAL <a href="http://lyonbiopole.com/wp/">http://lyonbiopole.com/wp/</a></p> <p>Medicen Paris Region INTERNATIONAL <a href="http://www.medicen.org/en">http://www.medicen.org/en</a></p> <p>Cancer-Bio-Santé <a href="http://www.cancerbiosante.fr/fr/">http://www.cancerbiosante.fr/fr/</a></p> <p>Alsace BioValley INTERNATIONAL</p>	<p><b>Centres for research-based innovation (SFI)</b>                      SFI CAST – Stem Cell Based Tumor Therapy –Rikshospitalet SFI 2007-2015  <a href="http://csc.rr-research.no/">http://csc.rr-research.no/</a>                      SFI Center for cardiological innovation, CCI (Oslo University Hospital) SFI 2011-2019  <a href="http://www.forskningsradet.no/prognett-sfi/Artikkel/Center_for_Cardiological_Innovation_CCI/1253970516839?lang=en">http://www.forskningsradet.no/prognett-sfi/Artikkel/Center_for_Cardiological_Innovation_CCI/1253970516839?lang=en</a>  <b>SFI MABCENT Marine bioactives&amp; drug discovery</b>  <a href="http://www0.nfh.uit.no/mabcent/">http://www0.nfh.uit.no/mabcent/</a>  <b>SFI MILAB Medical Imaging Laboratory</b>  <a href="http://www.ntnu.edu/milab">http://www.ntnu.edu/milab</a>  <b>SFI Centre for Connected Care - Accelerating adoption and diffusion of patient-centric innovations (new November 2014)</b>                      Contact person Kari J. Kværner, <a href="mailto:uxkakv@ous-hf.no">uxkakv@ous-hf.no</a></p>

	<p><a href="http://www.alsace-biovalley.com/en/">http://www.alsace-biovalley.com/en/</a></p> <p>Atlanpole Biothérapies <a href="http://www.atlanpolebiotherapies.eu/">http://www.atlanpolebiotherapies.eu/</a></p> <p>Eurobiomed <a href="http://www.eurobiomed.org/en/">http://www.eurobiomed.org/en/</a></p> <p>Nutrition Santé Longévité <a href="http://www.pole-nsl.org">www.pole-nsl.org</a></p> <p><b>Institut de recherche technologique (IRT)</b>  <b>Bioaster</b> <a href="http://www.bioaster.org/news.html">http://www.bioaster.org/news.html</a></p>	<p><b>Centres of excellence (SFF)</b>  SFF Centre for Molecular Biology and Neuroscience  <a href="http://www.cmbn.no/">http://www.cmbn.no/</a>  SFF CCB Centre for Cancer Biomedicine  <a href="http://www.cancerbiomed.net/">http://www.cancerbiomed.net/</a>  SFF CIR Centre for Immune Regulation  <a href="http://www.cir.uio.no/">http://www.cir.uio.no/</a>  SFF Centre for the Biology of Memory  <a href="http://www.ntnu.no/cbm/">http://www.ntnu.no/cbm/</a>  SFF Centre for Biomedical Computing  <a href="http://cbc.simula.no/pub/">http://cbc.simula.no/pub/</a>  Norwegian Centre for mental disorders research, NORMENT (University of Oslo)  <a href="http://www.med.uio.no/norment/english/">http://www.med.uio.no/norment/english/</a>  Centre for Intervention Science in Maternal and Child Health (CISMAC, University of Bergen)  <a href="http://cismac.b.uib.no/">http://cismac.b.uib.no/</a>  Centre for neural computation, CNC (NTNU) <a href="http://www.ntnu.edu/kavli/">http://www.ntnu.edu/kavli/</a> 2014 Nobel Prizes in Medicine  Centre for Molecular Inflammation Research, CEMIR (NTNU) <a href="http://www.ntnu.edu/cemir">http://www.ntnu.edu/cemir</a>  Centre for Cancer Biomarkers, CC BIO (University of Bergen) <a href="http://www.uib.no/en/ccbio/">http://www.uib.no/en/ccbio/</a></p> <p><b>Centres of expertise and Arena</b>  NCE Oslo Cancer Cluster <a href="http://oslocancercluster.no/">http://oslocancercluster.no/</a>  Arena BioTech North <a href="http://biotechnorth.no">http://biotechnorth.no</a>  Arena Heidner <a href="http://heidner.no/">http://heidner.no/</a>  Oslo MedTech <a href="http://www.oslomedtech.no/">http://www.oslomedtech.no/</a></p>
<p>Informatics and Information Technology</p> <p>Innovative physics</p>	<p>SCS (Solutions communicantes sécurisées) Provence-Côte d'Azur INTERNATIONAL  <a href="http://www.pole-scs.org/">http://www.pole-scs.org/</a></p> <p>SYSTEM@TIC Paris Région INTERNATIONAL  <a href="http://www.systematic-paris-region.org/en">http://www.systematic-paris-region.org/en</a></p> <p>Cap Digital Paris Région DESTINED TO INTERNATIONAL  <a href="http://www.capdigital.com/en/">http://www.capdigital.com/en/</a></p> <p>Minalogic (Micro-nanoelectronic and software) INTERNATIONAL  <a href="http://www.minalogic.org/">http://www.minalogic.org/</a></p>	<p><b>Centres for research-based innovation (SFI)</b>  SFI Information Access Disruptions (IAD)  <a href="http://www.iad-centre.no/">http://www.iad-centre.no/</a>  SFI SFI<sup>2</sup>Statistics for Innovation  <a href="http://sfi.nr.no/sfi/index.php/Welcome_to_Statistics_for_Innovation_(sfi)%C2%B2">http://sfi.nr.no/sfi/index.php/Welcome_to_Statistics_for_Innovation_(sfi)%C2%B2</a>  SFI SIMLab – Structural IMPactLaboratory NTNU  <a href="http://www.ntnu.edu/simlab">http://www.ntnu.edu/simlab</a>  SFI The Certus Centre (Simula Research Laboratory) SFI 2011-2019  <a href="http://www.forskningsradet.no/prognett-sfi/Artikkel/The_Certus_Centre/1253970516204">http://www.forskningsradet.no/prognett-sfi/Artikkel/The_Certus_Centre/1253970516204</a>  SFI Big Insight, Statistics for the knowledge economy (new November 2014)  Contact person Arnaldo Frigessi, <a href="mailto:frigessi@medisin.uio.no">frigessi@medisin.uio.no</a>  SFI Center for innovative ultrasound solutions for health care, maritime, and oil &amp; gas industries (new November 2014)</p>

	<p>Images &amp; Réseaux DESTINED TO INTERNATIONAL  <a href="http://www.images-et-reseaux.com/en">http://www.images-et-reseaux.com/en</a></p> <p>Elopsys (microwaves, photonics)  <a href="http://www.elopsys.fr/?lang=en">http://www.elopsys.fr/?lang=en</a></p> <p>Imaginove <a href="http://www.imaginove.fr/en/">http://www.imaginove.fr/en/</a></p> <p>Transactions électroniques sécurisées (TES) <a href="http://www.pole-tes.com/">http://www.pole-tes.com/</a></p> <p>Route des Lasers (innovative technologies in optics and laser)  <a href="http://www.routedeslasers.com/en/">http://www.routedeslasers.com/en/</a></p> <p>OPTITEC, Photonics and Imagery (TIC, Health, Food and Environment applications) <a href="http://www.pole-optitec.com/fr/missions-et-strategie/missions-et-strategie">http://www.pole-optitec.com/fr/missions-et-strategie/missions-et-strategie</a></p> <p>Microtechniques  <a href="http://www.polemicrotechniques.fr/en/home.html">http://www.polemicrotechniques.fr/en/home.html</a></p> <p><b>Instituts de recherche technologique (IRT)</b></p> <p>Nanoelec. <a href="http://www.irtnanoelec.fr/fr/">http://www.irtnanoelec.fr/fr/</a></p> <p>SystemX <a href="http://www.irt-systemx.fr/?lang=en">http://www.irt-systemx.fr/?lang=en</a></p> <p>B-COM <a href="http://www.bdi.fr/serving-the-regional-economy">http://www.bdi.fr/serving-the-regional-economy</a></p>	<p>Contact person Asta Håberg, <a href="mailto:asta.haberg@ntnu.no">asta.haberg@ntnu.no</a>  <b>SFI Centre for Scalable Data Access (SIRIUS)</b> (<i>new November 2014</i>)          Contact person Arild Waaler, <a href="mailto:arild@ifi.uio.no">arild@ifi.uio.no</a></p> <p><b>Centres of Excellence (SFF)</b>          SFF Centre for Quantifiable Quality of Service in Communication Systems  <a href="http://www.q2s.ntnu.no/">http://www.q2s.ntnu.no/</a>          SFF Centre of Theoretical and Computational Chemistry, CTCC  <a href="http://www.ctcc.uio.no/">http://www.ctcc.uio.no/</a>          SFF Centre for Biomedical Computing  <a href="http://cbc.simula.no/pub/">http://cbc.simula.no/pub/</a>          SFF Centre of Mathematics for Applications  <a href="http://www.cma.uio.no/">http://www.cma.uio.no/</a>          Center for Multilingualism in Society across the Lifespan, MultiLing  <a href="http://www.hf.uio.no/multiling/english/">http://www.hf.uio.no/multiling/english/</a></p> <p><b>Centres of expertise and Arena</b>          NCE Micro- and nanotechnology  <a href="http://www.nce-mnt.no/index.php?mod=pages&amp;id=7">http://www.nce-mnt.no/index.php?mod=pages&amp;id=7</a>          NCE Instrumentation  <a href="http://ncei.no/english/">http://ncei.no/english/</a>          NCE Media (Bergen) <a href="http://www.ncemedia.no/">http://www.ncemedia.no/</a></p> <p><b>Media</b>          Arena NXTMEDIA <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-NxtMedia/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-NxtMedia/</a>          ARENA DIGIN (Agder district) <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-Digin/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-Digin/</a></p>
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<p>Environmental Technologies and Energy</p> <p>Smart grid</p>	<p>AXELERA DESTINED TO INTERNATIONAL  <a href="http://www.axelera.org/index.php/en/">http://www.axelera.org/index.php/en/</a></p> <p>Tenerrdis (New energies)  <a href="http://www.tenerrdis.fr/en/">http://www.tenerrdis.fr/en/</a></p> <p>AVENIA <a href="http://www.pole-avenia.com">www.pole-avenia.com</a>          Industries &amp; Agro-Ressources IAR          DESTINED TO INTERNATIONAL  <a href="http://www.iar-pole.com/?lang=en">http://www.iar-pole.com/?lang=en</a></p> <p>Mer Bretagne Atlantique  <a href="http://www.pole-mer-bretagne-atlantique.com/innovate-to-prosper.php">http://www.pole-mer-bretagne-atlantique.com/innovate-to-prosper.php</a></p> <p>Mer Méditerranée <a href="http://en.polemermediterranee.com/">http://en.polemermediterranee.com/</a></p> <p>Capenergies <a href="http://www.capenergies.fr/fichiers/anglais/gbv5.pdf">http://www.capenergies.fr/fichiers/anglais/gbv5.pdf</a></p> <p>Derbi <a href="http://www.pole-derbi.com/home_UK.asp">http://www.pole-derbi.com/home_UK.asp</a></p> <p>Alsace Energievie <a href="http://www.pole.energievie.eu/en">http://www.pole.energievie.eu/en</a></p> <p>S2E2 <a href="http://www.s2e2.fr">www.s2e2.fr</a></p> <p>Trimatec <a href="http://www.pole-trimatec.fr/document.php?pagendx=89">http://www.pole-trimatec.fr/document.php?pagendx=89</a></p> <p>RISQUES <a href="http://www.pole-risques.com/en">http://www.pole-risques.com/en</a></p> <p><b>Instituts pour la transition énergétique (ITE)</b></p> <p>IDEEL <a href="http://www.ideel-factory.fr/fr/">http://www.ideel-factory.fr/fr/</a></p> <p>IPVF Photovoltaic <a href="http://www.ipvf.fr/en/new-ipvf-website/">http://www.ipvf.fr/en/new-ipvf-website/</a></p> <p>P.I.V.E.R.T. Chemistry of Vegetal (application: energy, food, health, construction material) <a href="http://www.institut-pivert.com/fr/">www.institut-pivert.com/fr/</a></p>	<p><b>Centres for research-based innovation (SFI)</b></p> <p><b>SFI Michelsen IMT</b> The Michelsen Centre for Industrial Measurement Science and Technology (CMR)  <a href="http://www.michelsencentre.com/">http://www.michelsencentre.com/</a></p> <p><b>SFI Sustainable Arctic Marine and Coastal Technology, SAMCoT (NTNU)</b> SFI 2011-2019  <a href="http://www.ntnu.edu/samcot">http://www.ntnu.edu/samcot</a></p> <p><b>SFI Klima 2050</b> - Risk reduction through climate adaptation of buildings and infrastructure (new November 2014)          Contact person Berit Time, <a href="mailto:berit.time@sintef.no">berit.time@sintef.no</a></p> <p><b>SFI Centre for Integrated Remote Sensing and Forecasting for Arctic Operations</b> (new November 2014)          Contact person Torbjørn Eltoft, <a href="mailto:torbjorn.eltoft@uit.no">torbjorn.eltoft@uit.no</a></p> <p><b>SFI Smart Maritime</b> - Norwegian Centre for improved energy-efficiency and reduced emissions from the maritime sector (new November 2014)          Contact person Per Magne Einang, <a href="mailto:per.einang@marintek.sintef.no">per.einang@marintek.sintef.no</a></p> <p><b>Centres of Excellence</b></p> <p>SFF Bjerknes Centre for Climate Research  <a href="http://www.bjerknes.uib.no/">http://www.bjerknes.uib.no/</a></p> <p>SFF CGB Centre for Geobiology  <a href="http://www.geobio.uib.no/">http://www.geobio.uib.no/</a></p> <p>SFF CEES Centre for Ecological and Evolutionary Synthesis  <a href="http://www.cees.uio.no/">http://www.cees.uio.no/</a></p> <p>SFF International Centre for Geohazards  <a href="http://www.geohazards.no/index.htm">http://www.geohazards.no/index.htm</a></p> <p>Centre for Earth Evolution and Dynamic, CEED (University of Oslo, Dept Geoscience)  <a href="http://www.mn.uio.no/ceed/english/">http://www.mn.uio.no/ceed/english/</a></p> <p>Centre for Environmental Radioactivity, CERAD <a href="http://cerad.nmbu.no/">http://cerad.nmbu.no/</a></p> <p>Centre for Biodiversity Dynamics, CBD (NTNU) <a href="http://www.ntnu.edu/cbd">http://www.ntnu.edu/cbd</a></p> <p><b>Centres of expertise and Arena</b></p> <p>NCE Smart Energy Markets <a href="http://www.ncesmart.com/info-english/">http://www.ncesmart.com/info-english/</a></p> <p>NCE Maritime CleanTech West (Bergen/Sunnhordland/Haugesund region)  <a href="http://mctw.axentaweb.no/content.aspx?page=106294">http://mctw.axentaweb.no/content.aspx?page=106294</a></p> <p>Arena Wind cluster <a href="http://windcluster.no/">http://windcluster.no/</a></p> <p>Arena Smart Grid Services <a href="http://www.smartgridservices.no/">http://www.smartgridservices.no/</a></p>
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	<p>Geodenergies <a href="http://www.brgm.eu/">http://www.brgm.eu/</a></p> <p>Greenstars <a href="http://www.inra.fr/en/Partners-and-Agribusiness/Partnership-arrangements/All-the-news/Greenstars_En">http://www.inra.fr/en/Partners-and-Agribusiness/Partnership-arrangements/All-the-news/Greenstars_En</a></p> <p>Supergrid <a href="http://www.developpement-durable.gouv.fr/IMG/pdf/Supergrid_v2_revue_porteur.pdf">http://www.developpement-durable.gouv.fr/IMG/pdf/Supergrid_v2_revue_porteur.pdf</a></p>	<p><b>The 11 Centres for Environment-friendly Energy Research</b></p> <p><b>BIGCCS</b> – International CCS Research Centre <a href="http://www.bigccs.no">www.bigccs.no</a></p> <p><b>CEDREN</b> - Centre for Environmental Design of Renewable Energy : Hydropower <a href="http://www.cedren.no">www.cedren.no</a></p> <p><b>CenBio</b> - Bioenergy Innovation Centre <a href="http://www.cenbio.no">www.cenbio.no</a></p> <p><b>NORCOWE</b> – Norwegian Centre for Offshore Wind Energy (Competence and resource centre for developing Wind power generation at sea) <a href="http://www.norcowe.no">www.norcowe.no</a></p> <p><b>NOWITECH</b> – Norwegian Research Centre for Offshore Wind Technology (Centre to produce new knowledge, methods and technology to form a basis for industrial development of offshore wind farms). <a href="http://www.nowitech.no">www.nowitech.no</a></p> <p><b>The Norwegian Research Centre for Solar cell Technology</b> <a href="http://www.solarunited.no">www.solarunited.no</a></p> <p><b>SUCCESS</b> – Subsurface CO2 Storage – Critical Elements and Superior Strategy <a href="http://www.fme-success.no">www.fme-success.no</a></p> <p><b>ZEB</b> – The Research Centre on Zero Emission Buildings <a href="http://www.zeb.no">www.zeb.no</a></p> <p><i>3 FMEs on research on sustainable energies policies</i></p> <p><b>CenSES</b> – Centre for Sustainable Energy Studies <a href="http://www.censes.no">www.censes.no</a></p> <p><b>CICEP</b> - Strategic Challenges in International Climate and Energy Policy <a href="http://www.cicep.no">www.cicep.no</a></p> <p><b>CREE</b> – Oslo Center for Research on Environmentally friendly Energy <a href="http://www.cree.uio.no">www.cree.uio.no</a></p> <p><b>CLUSTERS</b></p> <p>ARENA NOW, Offshore wind cluster: providing Norwegian offshore wind to Europe <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-NOW/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-NOW/</a></p> <p>WINDCLUSTER NORWAY : Windcluster Norway has a strong global market focus on offshore wind power, with established links to clusters and grid operators in the UK, Germany, Sweden, Spain and Portugal. <a href="http://www.arenaprogrammet.no/no/English/Clusters/Windcluster-Norway/">http://www.arenaprogrammet.no/no/English/Clusters/Windcluster-Norway/</a></p>
<p>Marine Science and Technology</p>	<p>Mer Bretagne Atlantique DESTINED TO INTERNATIONAL <a href="http://www.pole-mer-bretagne-atlantique.com/innovate-to-prosper.php">http://www.pole-mer-bretagne-atlantique.com/innovate-to-prosper.php</a></p>	<p><b>Centres for research-based innovation (SFI)</b></p> <p><b>SFI MABCENT</b> - Marine bioactives&amp; drug discovery University of Tromsø <a href="http://www0.nfh.uit.no/mabcent/">http://www0.nfh.uit.no/mabcent/</a></p>

<p>Maritime Transports</p>	<p>Mer Méditerranée DESTINED TO INTERNATIONAL  <a href="http://en.polemermediterranee.com/">http://en.polemermediterranee.com/</a></p> <p>Novalog Logistics systems <a href="http://www.novalog.eu/?page_id=429">http://www.novalog.eu/?page_id=429</a></p> <p><b>Instituts pour la transition énergétique (ITE)</b></p> <p>France Energies Marines <a href="http://en.france-energies-marines.org/">http://en.france-energies-marines.org/</a></p>	<p><b>SFI Subsea production and processing (SUBPRO) (new November 2014)</b>          Contact person Sigurd Skogestad, <a href="mailto:skoge@ntnu.no">skoge@ntnu.no</a></p> <p><b>SFI Center for Offshore Mechatronics (new November 2014)</b>          Contact person Frank Reichert, <a href="mailto:frank.reichert@uia.no">frank.reichert@uia.no</a></p> <p><b>SFI Marine operations Center (MOIS) (new November 2014)</b>          Contact person Hans-Petter Hildre, <a href="mailto:hh@hials.no">hh@hials.no</a></p> <p><b>Centres of excellence</b></p> <p>SFF Centre for Ships and Ocean Structures (CeSOS)  <a href="http://www.cesos.ntnu.no/">http://www.cesos.ntnu.no/</a></p> <p>Centre for Autonomous Marine Operations and Systems, AMOS (NTNU)  <a href="http://www.ntnu.edu/amos">http://www.ntnu.edu/amos</a></p> <p><b>Centers of expertise and Arena</b></p> <p>GCE Maritime <a href="http://www.ncemaritime.com/">http://www.ncemaritime.com/</a></p> <p>NCE Instrumentation <a href="http://ncei.no/english/">http://ncei.no/english/</a></p> <p>NCE Subsea <a href="http://ncesubsea.no/">http://ncesubsea.no/</a></p> <p>CGE NODE Norwegian Offshore &amp; Drilling Engineering <a href="http://www.gcenode.no/NODE2020">http://www.gcenode.no/NODE2020</a></p> <p>ARENA – Subsea Valley  <a href="http://www.arenaprogrammet.no/no/English/Clusters/Subsea-Valley/">http://www.arenaprogrammet.no/no/English/Clusters/Subsea-Valley/</a></p> <p>NCE Maritime CleanTech (South-west of Norway, primarily centered in the district of Sunnhordland) <a href="http://mctw.axentaweb.no/content.aspx?page=106294">http://mctw.axentaweb.no/content.aspx?page=106294</a></p> <p>ARENA BioTech NORTH (research on chemically and biologically active compounds from Arctic-area marine organisms that have a nutritional or physiological effect)  <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-BioTech-North/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-BioTech-North/</a></p> <p>ARCTIC MARITIME CLUSTER <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arctic-Maritime-Cluster/">http://www.arenaprogrammet.no/no/English/Clusters/Arctic-Maritime-Cluster/</a></p> <p>OCEAN INGREDIENTS <a href="http://www.arenaprogrammet.no/no/English/Clusters/Ocean-Ingredients-Cluster/">http://www.arenaprogrammet.no/no/English/Clusters/Ocean-Ingredients-Cluster/</a></p> <p>NCE Aquaculture <a href="http://www.nceaquaculture.com/wips/568630571/">http://www.nceaquaculture.com/wips/568630571/</a></p> <p>ARENA OCEAN OF OPPORTUNITIES</p>
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Material Science and Technology	<p>TEAM2 (Recycling) <a href="http://www.team2.fr/team2/fr/7455-team2.html">http://www.team2.fr/team2/fr/7455-team2.html</a></p> <p>TECHTERA <a href="http://www.techtera.co.uk/">http://www.techtera.co.uk/</a></p> <p>Xylofutur <a href="http://xylofutur.fr/">http://xylofutur.fr/</a></p> <p>UPtex <a href="http://www.up-tex.fr/">http://www.up-tex.fr/</a></p> <p>Pôle européen de la Céramique <a href="http://www.cerameurop.com/">http://www.cerameurop.com/</a></p> <p>Plastipolis <a href="http://www.plastipolis.fr/?lang=en">http://www.plastipolis.fr/?lang=en</a></p> <p>Matikem (Maud) <a href="http://www.matikem.com/">http://www.matikem.com/</a></p> <p>Materialia <a href="http://www.materialia.fr/">http://www.materialia.fr/</a></p> <p>Fibres <a href="http://www.polefibres.fr/uk/">http://www.polefibres.fr/uk/</a></p> <p>Elastopôle <a href="http://www.elastopole.com/english">http://www.elastopole.com/english</a></p> <p><b>Institut pour la transition énergétique (ITE)</b> Institut français des matériaux agro-sourcés (IFMAS) <a href="http://www.ifmas.eu/">http://www.ifmas.eu/</a></p> <p><b>Institut de recherche technologique (IRT)</b> M2P <a href="http://www.irt-m2p.eu/fr/accueil.html">http://www.irt-m2p.eu/fr/accueil.html</a> Jules Verne (Composites) <a href="http://www.irt-jules-verne.fr/">http://www.irt-jules-verne.fr/</a></p>	<p><b>Centres for research-based innovation (SFI)</b> SFI COIN Concrete Innovation Centre SINTEF <a href="http://www.coinweb.no/">http://www.coinweb.no/</a> SFI Metal Production (<i>new November 2014</i>) Contact Aud Nina Wærnes, <a href="mailto:aud.n.warnes@sintef.no">aud.n.warnes@sintef.no</a> SFI Centre for Advanced Structural Analysis (CASA) (<i>new November 2014</i>) Contact person Magnus Langseth, <a href="mailto:magnus.langseth@ntnu.no">magnus.langseth@ntnu.no</a> SFI Sustainable Innovations for Automated Manufacturing of Multi-Material Products (<i>new November 2014</i>) Contact person Sverre Gulbrandsen-Dahl, <a href="mailto:Sverre.Gulbrandsen-Dahl@sintef.no">Sverre.Gulbrandsen-Dahl@sintef.no</a> SFI Industrial Catalysis Science and Innovation for a competitive and sustainable process industry (iCSI) (<i>new November 2014</i>) Contact person Hilde Johnsen Venvik, <a href="mailto:Hilde.Venvik@chemeng.ntnu.no">Hilde.Venvik@chemeng.ntnu.no</a></p> <p><b>Centres of expertise and Arena</b> NCE Raufoss <a href="http://www.nceraufoss.no/en/">http://www.nceraufoss.no/en/</a> NCE Micro- and nanotechnology <a href="http://www.nce-mnt.no/index.php?mod=pages&amp;id=7">http://www.nce-mnt.no/index.php?mod=pages&amp;id=7</a></p> <p>Arena cluster IKUBEN (logistics and materials technology, districts of Romsdal and Nordmøre) <a href="http://www.arenaprogrammet.no/no/English/Clusters/iKuben">http://www.arenaprogrammet.no/no/English/Clusters/iKuben</a></p> <p>Arena i4 plastics <a href="http://www.sintef.no/SINTEF-Raufoss-Manufacturing/">http://www.sintef.no/SINTEF-Raufoss-Manufacturing/</a> Arena Eyde Nettverket <a href="http://www.eyde-nettverket.no/">http://www.eyde-nettverket.no/</a></p>
Oil and Gas Exploration and Production  Nuclear Energy	<p>AVENIA Geosciences</p> <p>Mer Bretagne Atlantique <a href="http://www.pole-mer-bretagne-atlantique.com/innovate-to-prosper.php">http://www.pole-mer-bretagne-atlantique.com/innovate-to-prosper.php</a></p>	<p><b>Centres for research-based innovation (SFI)</b> SFI IO-CENTER - Center for Integrated Operations in the Petroleum Industry NTNU <a href="http://www.ntnu.edu/iocenter/">http://www.ntnu.edu/iocenter/</a> SFI INGAP - Innovative Natural Gas Processes and Products, University of Oslo <a href="http://www.ingap.uio.no/">http://www.ingap.uio.no/</a> SFI FACE Multiphase Flow Assurance Innovation Centre <a href="http://www.sintef.no/sfiface">http://www.sintef.no/sfiface</a></p>



	<p>Mer Méditerranée <a href="http://en.polemermediterranee.com/">http://en.polemermediterranee.com/</a></p> <p>Nucléaire Bourgogne <a href="http://www.polenucleairebourgogne.fr/en/">http://www.polenucleairebourgogne.fr/en/</a></p> <p><b>Institut pour la transition énergétique (ITE)</b></p> <p>Geodnergies (Geosciences) <a href="http://www.brgm.eu/">http://www.brgm.eu/</a></p>	<p><b>SFI Centre for Drilling and Well technology for Improved Recovery</b> , SBBU SFI 2011-2015  <a href="http://www.forskningsradet.no/prognett-sfi/Artikkel/DrillWell_Drilling_and_Well_Centre_for_Improved_Recovery/1253970517126?lang=en">http://www.forskningsradet.no/prognett-sfi/Artikkel/DrillWell_Drilling_and_Well_Centre_for_Improved_Recovery/1253970517126?lang=en</a></p> <p><b>Centres of excellence (SFF)</b>  SFF Centre for Integrated Petroleum Research <a href="http://www.uib.no/cipr/">http://www.uib.no/cipr/</a>  Centre for Arctic Gas Hydrate, Environment and Climate, CAGE <a href="https://cage.uit.no/">https://cage.uit.no/</a>  Sustainable Arctic Marine and Coastal Technology, SAMCoT (NTNU) <a href="http://www.ntnu.edu/samcot">http://www.ntnu.edu/samcot</a> SFI 2011-2019</p> <p><b>Centers of expertise and Arena</b>  NCE Subsea <a href="http://ncesubsea.no/">http://ncesubsea.no/</a>  GCE Node - <b>International status</b> - Oil and gas technology cluster at the southern coast of Norway, operate within three niches – offshore drilling, offshore loading and offloading - mooring and anchoring - active heave-compensated cranes  <a href="http://gcenode.no/home">http://gcenode.no/home</a></p> <p>Cluster ARENA – Subsea Valley  <a href="http://www.arenaprogrammet.no/no/English/Clusters/Subsea-Valley/">http://www.arenaprogrammet.no/no/English/Clusters/Subsea-Valley/</a></p> <p>Arena cluster ARCTIC MARITIME CLUSTER  <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arctic-Maritime-Cluster/">http://www.arenaprogrammet.no/no/English/Clusters/Arctic-Maritime-Cluster/</a></p> <p>GCE BLUE MARITIME Focus international - maritime cluster on the west coast of Norway ,world leader in designing, building, equipping and operating the world’s most advanced vessels for the global industry <a href="http://www.ncemaritime.no/default.aspx?menu=291">http://www.ncemaritime.no/default.aspx?menu=291</a></p>
<p>Transport and Logistics</p>	<p>i-Trans <a href="http://www.i-trans.org/">http://www.i-trans.org/</a></p> <p>MOV’EO DESTINED TO INTERNATIONAL  <a href="http://pole-moveo.org/en/moveo-2/the-moveo-cluster/">http://pole-moveo.org/en/moveo-2/the-moveo-cluster/</a></p> <p>Véhicule du Futur <a href="http://www.vehiculedefutur.com/EN/a-french-competitiveness-cluster.html">http://www.vehiculedefutur.com/EN/a-french-competitiveness-cluster.html</a></p> <p>Novalog Logistics systems <a href="http://www.noalog.eu/?page_id=429">http://www.noalog.eu/?page_id=429</a></p> <p>LUTB Transport &amp; Mobility Systems <a href="http://lutb.fr/?lang=en">http://lutb.fr/?lang=en</a></p>	<p><b>Centres of excellence (SFF)</b>  SFF Centre for Ships and Ocean Structures CeSOS  <a href="http://www.cesos.ntnu.no/">http://www.cesos.ntnu.no/</a></p> <p><b>Centers of expertise</b>  ELECTRIC MOBILITY NORWAY (Oslo-Drammen-Kongsberg, vehicle electrification solutions and electric-car transport) <a href="http://www.arenaprogrammet.no/no/English/Clusters/Electric-Mobility-Norway/">http://www.arenaprogrammet.no/no/English/Clusters/Electric-Mobility-Norway/</a></p> <p>GCE BLUE MARITIME Focus international - maritime cluster on the west coast of Norway ,world leader in designing, building, equipping and operating the world’s most advanced</p>

	<p>IDforCar <a href="http://www.id4car.org/?page=english">http://www.id4car.org/?page=english</a></p> <p>I-TRANS DESTINED TO INTERNATIONAL <a href="http://www.i-trans.org/">http://www.i-trans.org/</a></p> <p>Advancity, Ville et Mobilité Durables <a href="http://www.advancity.eu/">http://www.advancity.eu/</a></p> <p><b>Institut pour la transition énergétique (ITE)</b></p> <p>VeDeCom (carbon-free, sustainable individual mobility) <a href="http://vedecom.fr/en/">http://vedecom.fr/en/</a></p> <p><b>Institut de recherche technologique (IRT)</b> Railenium <a href="http://www.railenium.eu/">http://www.railenium.eu/</a></p>	<p>vessels for the global industry <a href="http://www.ncemaritime.no/default.aspx?menu=291">http://www.ncemaritime.no/default.aspx?menu=291</a></p> <p>NCE Maritime CleanTech (South-west of Norway, primarily centered in the district of Sunnhordland) <a href="http://mctw.axentaweb.no/content.aspx?page=106294">http://mctw.axentaweb.no/content.aspx?page=106294</a></p>
<p>Agriculture and Food Industry</p>	<p>Agri Sud-Ouest Innovation <a href="http://www.agrisudouest.com/en/">http://www.agrisudouest.com/en/</a></p> <p>Céréales Vallée <a href="http://cereales-vallee.org/default_gb.cfm">http://cereales-vallee.org/default_gb.cfm</a></p> <p>Qualiméditerranée <a href="http://www.qualimediterranee.fr/">http://www.qualimediterranee.fr/</a></p> <p>Qualitropic <a href="http://www.qualitropic.fr/uk/">http://www.qualitropic.fr/uk/</a></p> <p>Terralia <a href="http://www.pole-terralia.com/en/">http://www.pole-terralia.com/en/</a></p> <p>Valorial <a href="http://www.pole-valorial.fr/spip.php?lang=en">http://www.pole-valorial.fr/spip.php?lang=en</a></p> <p>Vegepolys DESTINED TO INTERNATIONAL <a href="http://www.vegepolys.eu/en/">http://www.vegepolys.eu/en/</a></p> <p>PASS (Parfum, Arômes, Saveur, Senteur) Food, Cosmetic, Perfume, Detergents industries <a href="http://www.pole-pass.fr/pole/moteur-de-competitivite-pour-toute-la-filiere.html">http://www.pole-pass.fr/pole/moteur-de-competitivite-pour-toute-la-filiere.html</a></p>	<p>Centres of Expertise and Arena</p> <p>ARENA FRUIT CLUSTER (region of Sogn og Fjordane in Western Norway) <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-Fruit-Cluster/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-Fruit-Cluster/</a></p> <p>Arena Heidner <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-Heidner/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-Heidner/</a></p> <p>NCE Culinology <a href="http://www.maaltidetshus.no/event/dolink/famid/268382">http://www.maaltidetshus.no/event/dolink/famid/268382</a></p>
<p>Production Systems- Robotic Manufacturing</p>	<p>ViaMéca <a href="http://www.viameca.fr/our-mission.html?id_lang=2">http://www.viameca.fr/our-mission.html?id_lang=2</a></p> <p>Novalog Logistics systems <a href="http://www.novalog.eu/?page_id=429">http://www.novalog.eu/?page_id=429</a></p>	<p><b>Centres for research-based innovation (SFI)</b> <b>SFI NORMAN</b> Norwegian Manufacturing Future <a href="http://www.sfinorman.no/">http://www.sfinorman.no/</a> <b>Centers of expertise</b></p>

	<p>EMC2 <a href="http://www.pole-emc2.com/">http://www.pole-emc2.com/</a></p>	<p>NCE Raufoss <a href="http://www.nceraufoss.no/en/">http://www.nceraufoss.no/en/</a></p> <p>GCE BLUE MARITIME Focus international - maritime cluster on the west coast of Norway, world leader in designing, building, equipping and operating the world's most advanced vessels for the global industry <a href="http://www.ncemaritime.no/default.aspx?menu=291">http://www.ncemaritime.no/default.aspx?menu=291</a></p> <p>Cluster Arena Leisure Boat (Boats manufacturers) <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-Leisure-Boat/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-Leisure-Boat/</a></p> <p>Cluster Arena DESIGN ARENA <a href="http://www.arenaprogrammet.no/no/English/Clusters/DesignArena/">http://www.arenaprogrammet.no/no/English/Clusters/DesignArena/</a></p> <p>iKuben <a href="http://www.ikuben.no/">http://www.ikuben.no/</a></p> <p>Arena Eyde <a href="http://www.eyde-nettverket.no/">http://www.eyde-nettverket.no/</a></p>
Resources, Water, Minerals	<p>Dream Eau&amp;Milieux</p> <p>EAU</p> <p>Hydreos <a href="http://www.hydreos.fr">www.hydreos.fr</a></p> <p><b>Institut pour la transition énergétique (ITE)</b></p> <p>Geodenergies (Geosciences) <a href="http://www.brgm.eu/">http://www.brgm.eu/</a></p>	<p><b>Clusters</b></p> <p>Arena CLEAN WATER NORWAY <a href="http://www.arenaprogrammet.no/no/English/Clusters/Clean-Water-Norway/">http://www.arenaprogrammet.no/no/English/Clusters/Clean-Water-Norway/</a></p> <p>Arena SMART Water Cluster <a href="http://www.arenaprogrammet.no/no/English/Clusters/Smart-Water-Cluster/">http://www.arenaprogrammet.no/no/English/Clusters/Smart-Water-Cluster/</a></p> <p>Arena MINERAL CLUSTER NORTH <a href="http://www.arenaprogrammet.no/no/English/Clusters/Mineral-Cluster-North/">http://www.arenaprogrammet.no/no/English/Clusters/Mineral-Cluster-North/</a></p> <p>Arena EYDE (is a network consisting of 9 process industry-businesses on Sørlandet) <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-Eyde/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-Eyde/</a></p> <p>Arena Vannklyngen <a href="http://www.vannklynge.no/">http://www.vannklynge.no/</a></p>
Research Business Strategy	<p>Mont-Blanc Industries Innovation in Organizational <a href="http://www.montblancindustries.com/strategie-reseau/innovation-organisationnelle/">http://www.montblancindustries.com/strategie-reseau/innovation-organisationnelle/</a></p> <p>Noalog Logistics systems <a href="http://www.noalog.eu/?page_id=429">http://www.noalog.eu/?page_id=429</a></p> <p>Industries du commerce <a href="http://www.picom.fr">www.picom.fr</a></p>	<p><b>Centers for research-based innovation (SFI)</b></p> <p><b>SFI</b> Center for Service Innovation, Norges Handelshøyskole, CSI (NHH) SFI 2011-2019 <a href="http://www.forskningsradet.no/prognett-sfi/Artikkel/Center_for_Service_Innovation_CSI/1253966914269">http://www.forskningsradet.no/prognett-sfi/Artikkel/Center_for_Service_Innovation_CSI/1253966914269</a></p>
Miscellaneous	<p>Cosmetic Valley <a href="http://www.cosmetic-valley.com/index.php?lang=en">http://www.cosmetic-valley.com/index.php?lang=en</a></p> <p>Hippolia (Horses) <a href="http://www.pole-hippolia.org">www.pole-hippolia.org</a></p>	<p><b>Centres of expertise and Arena</b></p> <p>NCE Tourism – Fjord Norway <a href="http://www.fjordnorway.com/en/">http://www.fjordnorway.com/en/</a></p> <p>ARENA Lønnsomme vinteropplevelser <a href="http://www.vintertroms.no/Arena-prosjektet">http://www.vintertroms.no/Arena-prosjektet</a></p> <p>ARENA USUS: tourism-hospitality</p>

	Finance Innovation INTERNATIONAL <a href="http://www.finance-innovation.org/lignes_action.htm">http://www.finance-innovation.org/lignes_action.htm</a>	<a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-Usus/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-Usus/</a> ARENA Valdres Health, tourisme de cures <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-Valdres-Health-Cluster/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-Valdres-Health-Cluster/</a> ARENA MAGICA <a href="http://www.arenaprogrammet.no/no/English/Clusters/Arena-Magica/">http://www.arenaprogrammet.no/no/English/Clusters/Arena-Magica/</a>
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This overview has been made by the French-Norwegian Foundation. We decline all responsibility for mistakes or omissions in the table.

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