Half year Status Report 2020

07. July2020

NCE Seafood Innovation

Working together for sustainability and innovation



Norwegian Centres of Expertise NCE Seafood Innovation Cluster

We aim to contribute to sustainable seafood growth, by focusing on innovation







16

New members and partners in 2020

1 new partner: Cost Seafood

14 new members:

- Garware
- Inka Fish
- Seaborn*
- Farvatn
- Marimentrics*
- AquaPro
- Evoy
- ShrimpVision
- SFD
- Seasras
- Ecotone
- Tracio
- Oceanium*
- Bioceanor*

1 new collaborator: StartupLab



New projects and services under development **3** new projects and services within competence area

Several new projects within the innovation area is under development:

- Defining early innovation projects
- Digitalization
- Improving fishwalfare- and health

Improving and develope new projects and services within entrepreneurship area

Highlights half year 2020

- All planned physical meeting was hosted in Q1, before COVID19 occurred.
- Members interaction switched to digital after COVID19, digital meetings and webinar.
- Strong focus on advisory about government "crises packages" for early stage companies.
- Exploring, providing information and applying for project financing to secure development of innovation projects. As a result:
 - High activity plan develop for Q3+Q4 with focus on project development, and facilitating, initiate early stage innovation project (i.e workshops 2020)
- Cluster growth with 16 new partners, members and collabroators.
- One new shareholder in the cluster, Nofima.

Highlights half year 2020

- Strengthen organization with Pia S. Rønningen as new business developer for the cluster, focus on Entrepreneurship.
- New project manager in AquaCloud, Jørn Torsvik. Strong focus on project development during first half 2020 and increased activity planned Q3/Q4 2020.
- Strong activity and focus in our reasearch groups during the first half year.
- Recruitment of Seafood Trainee finalized, 400 applicants for the program.
- New competence project with 30 candidates from the industry, Seafood Next starting in September 2020.
- New EVU course within RAS ready for launch in fall 2020
- Kick-off meeting for NewTechAqua project Q1. Read more <u>here</u>.

Highlights half year 2020

- Infrastructure at Ocean Innovation Catapult Center is taking form. Read more <u>here</u>
- Network meeting for "Mind the Gap" held Q2. Read more <u>here</u>
- Development of a new Seafood Innovation Portal named Seapoint. Launched for first membersgroup in June 2020. Read more <u>here</u>
- Finalizing our first "Are you ready to raise capital program?" in Q1, with six start-up companies. Read more <u>here</u>
- Strong focus on development of services, projects and activities to strengthen members value from cluster interaction and collaboration

What we do



New educational programs with RAS



OINC (ongoing infrastructure project, increased project output and result Q2/Q3 2020





(hosted physical 29.1 2020 and 11.6.2020)



Business areas:





Knowledge

Innovation



Entrepreneurship

«Our projects within knowledge, innovation, and entrepreneurship strengthen and develop Norway's leading position as a seafood nation – securing a sustainable future for aquaculture.»



Competence

Working together for sustainability and innovation



Our ambitions:



Secure partners and members access to key competence



Increase attractiveness in the seafood industry



Tailoring education and competence programs according to the needs of the industry



Increase cooperation between industry, research and education

FOKUSOMRÅDER



KNOWLEDGE

EDUCATION

Master

Bachelor

Vocational technical college

Continuing education

COMPETENCE

Seafood Trainee Seafood Next Digital competence

TALENT ATTRACTION

Talent camp Innovation camp Events Seafood industry marketing





Seafood Trainee

Established 2016

116 candidates og 25 companies has participated

Applicants (average every year): 400

Next cohort # 5, start 2020, 25 trainees



J Seafood Next

New competence program for new employees in the industry

Goals:

- Knowledge about the seafood valuechain
- New insight and knowledge about the megatrends i.e innovation, digital transformation, industry trends

Launch fall 2020

Open for all – contact the cluster for more information





Working together for sustainability and innovation



Our ambitions



Initiate, establish and coordinate R&D collaboration based on industry needs



Share knowledge, new technology, results from projects and industry intelligent



Contribute to improve access to innovation infrastructure



Facilitate innovation project with focus on digitalization, fishwelfare/health and new marine ingredients. Focus areas



INNOVATION

DIGITALIZATION

Digital platform and standardisation

Digitalisation of biology

Data as management tool

Insights and knowledge sharing from AquaCloud

FISHHEALTH/WELFARE

Standardisation and digitalisation of fish health and welfare

Increased robustness and reduced mortality

NEW MARIN RESOURCES

Carbon neutral or negative feed raw materials



Highlights

- 2 EU projects with 36 committed partners – focus on digital solutions -IoT, feed, genetics and knowledge transfer
 - AquaCloud is fulfilling its role as a generator for digital maturation
 - Workshops as a project generator.
 Mind the Gap, faster uptake of scientific findings in the industry
 Technology readiness level, mapping of the technology field camera/AI technology
 - Several workshops in Q3/4 on early stage innovation projects

Innovation projects focus Q1/Q2 2020





Norwegian Centres of Expertise NCE Seafood Innovation Cluster



Entrepreneurship

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Our ambitions



High level of entrepreneurial competence



Active innovative ecosystem



Access to risk capital



Engaged industry partners

FOCUS AREAS



ENTREPRENEURSHIP

COMPETENCE

Entrepreneurial competence

Industry insight (value chain, stakeholders, industry challenges etc.)

Insight into the entrepreneurial landscape

CAPITAL

Attracting risk capital to seafood Access to deal flow

Investor network and knowledge

Making funding agencies / soft funding available to entrepreneurs

NETWORK

Activating the innovative ecosystem for entrepreneurs in seafood

Match-making

Meeting Arenas





A digital meeting point to accelerate the innovative ecosystem in seafood



Developed by NCE Seafood Innovation for our partners, members, collaborators and other industry stakeholders



- Startup
- Investor
- Company



Signed in successfully.

Overview

Together we can boost innovation for sustainable seafood growth. Seapoint connects the ecosystem and helps to exchange resources and knowledge. This tailored overview is created to help you take part in the ecosystem because together we can drive industry transformation. Take action and make a difference today.

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Industry Challenges

In close collaboration with the industry we have gathered industry-wide challenges where solutions is highly sought after and will boost seafood growth significantly.





Public Funding

Support your seafood startup with public funding from the Norwegian and European government.

Find funding



Investors

Raise smart capital from investors with a strategic alignment. Match public funding, leverage their network and access their competency.

Find investors



Startup Helpers

Test your ideas and accelerate your startup together with good helpers spread along the Norwegian coast.



Startup Documents

Spend less time on business planning and legal documents by using this curated collection from NCE Seafood Innovation and our partners.



Events

Meet the industry to establish connections and exchange knowledge. NCE Seafood Innovation and our partners host events throughout the year.



Industry Insights

Latest industry reports and publications to understand the seafood industry from different perspectives.

Learn more



New Features

We want to improve our existing and develop new features in order to boost innovation in the industry. Feel free suggest new features.



Are you ready to raise capital?

- Empowering entrepreneurs by strengthen knowledge of investors and capital raising process

Selection of cluster startups in need of competent capital



Wish you a all a good summer!



