



Arctic Maritime Cluster

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The Arctic Maritime Cluster 2016



March 16.2016 – “Fishery in the Arctic”



**NORWEGIAN
INNOVATION
CLUSTERS**



What is the Arctic Maritime Cluster ?

46 Norwegian companies/organizations focusing on Arctic Maritime Business in the High North:

- 9 shipping related companies
- 17 suppliers of equipment and services
- 5 shipyards
- 8 universities/R&D institutions/knowledge providers
- 7 others





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The Arena program

3 institutions are responsible for the Program



Innovation Norway is running the day-to-day operation

AMK's initiator and principal is:





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Appointed by the Norwegian Government on June 7.2013



NORWEGIAN
INNOVATION
CLUSTERS





9 shipping lines

TSCHUDI



TORGHATTEN NORD
ET SELSKAP I TORGHATTEN-KONSERNET



SEAWORKS



TROMSOFFSHORE

CHRISHIP-GRUPPEN



HURTIGRUTEN



Nor Supply Offshore



LKAB NORGE AS – AVD SLEPBÅTENE

**BARENTS
MARITIME**





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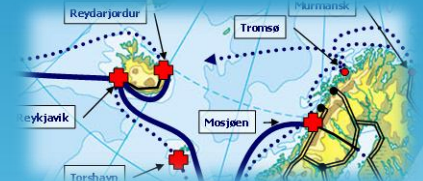
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5 ship ship yards





17 suppliers of equipment and services

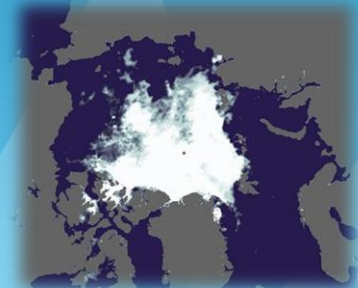
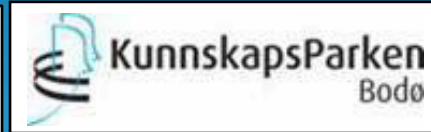
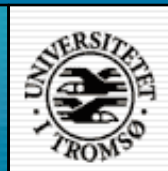




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8 universities/ R&D- institutions and knowledge providers





Others

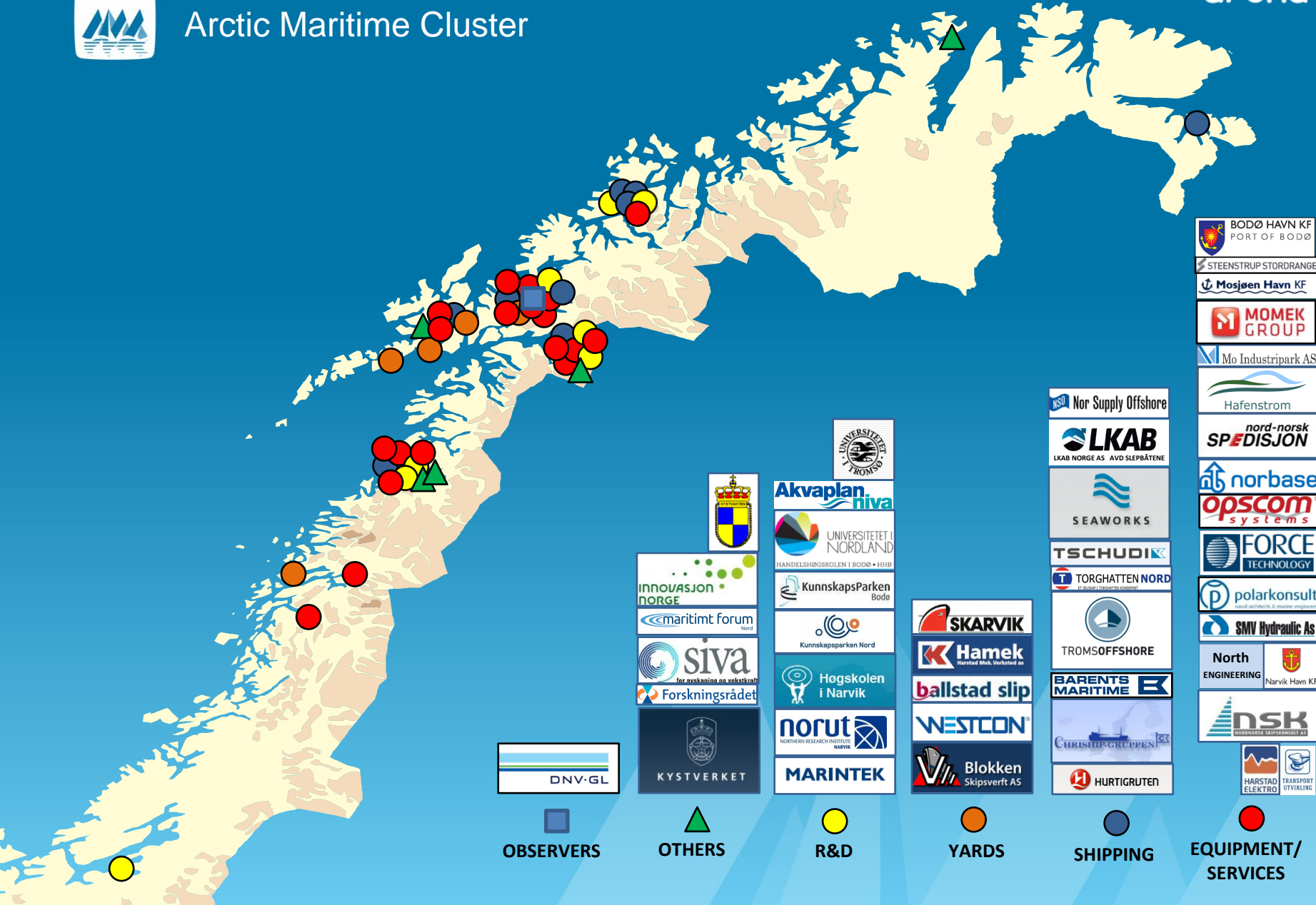
Classification societies, Coast Guard, Governmental institutions and branch institutions





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- BODØ HAVN KF
PORT OF BODØ
- STEENSTRUPSTORDRANGE
- Mosjøen Havn KF
- MOMEK GROUP
- Mo Industripark AS
- Hafenstrom
- Nor Supply Offshore
- LKAB
LKAB NORGE AS AVD SLEPÅTENE
- SEAWORKS
- TSCHUDI
- TORGHATTEN NORD
- SKARVIK
- Hamek
Harstad Havn, Verktøid AS
- ballstad slip
- WESTCON
- Blokken
Skipsverft AS
- BODØ HAVN KF
- STEENSTRUPSTORDRANGE
- Mosjøen Havn KF
- MOMEK GROUP
- Mo Industripark AS
- Hafenstrom
- nord-norsk SPEDISJON
- norbase
- opscom systems
- FORCE TECHNOLOGY
- polarkonsult
- SNV Hydraulic AS
- North ENGINEERING
Narvik Havn KF
- NSK
- HARSTAD ELEKTRO
- TRANSPORT UTVIKLING

- UNIVERSITETET I TROMSØ
- Akvaplan niva
- UNIVERSITETET I NORDLAND
HANDELSHØGSKOLEN I BODØ • HIB
- KunnskapsParken Bodø
- KunnskapsParken Nord
- Høgskolen i Narvik
- norut
NORTHERN RESEARCH INSTITUTE
NARVIK
- MARINTEK
- UNIVERSITETET I TROMSØ
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- norut
NORTHERN RESEARCH INSTITUTE
NARVIK
- MARINTEK

- DNV-GL

- OBSERVERS
- OTHERS
- R&D
- YARDS
- SHIPPING
- EQUIPMENT/SERVICES



Some ongoing AMC-projects

PORT MANAGEMENT SECURITY

Involved partners:
OPSCOM Port of Bodø

FRESH FISH TRANSPORTATION

Involved partners:
NSK, Chrishop AS

NEW DESIGN – HARBOUR VESSELS

Involved partners:
NSK, Port of Mosjøen a.o.

ELECTRIFICATION AND PORT OPERATION

Involved partners:
Hafenstrom, HIN, North Engineering,
Harstad Elektro, Torghatten a.o.

OFFSHORE WINTERIZATION

Involved partners:
HIN

ENERGY OPTIMIZING VESSELS

Involved partners:
SEAWORKS, MARINTEK, KUPA a.o.

REGIONAL CONTAINER SHIPPING

Involved partners:
NSK, Chrishop a.o.

DEVELOPING MARITIME SUPPLY INDUSTRY

Involved partners:
KUPA, Westcon and HAMEK

MARKET DEVELOPMENT RUSSIA

Involved partners:
SEAWORKS, HAMEK, NOR SUPPLY
OFFSHORE, BARENTS,
TRANSPORTUTVIKLING

VESSEL MAINTENANCE AND MODIFICATIONS

Involved partners:
Ballstad Slip AS, Skarvik AS, Troms
Offshore AS

OFFSHORE- OIL-RIG, MAINTENANCE

Involved partners:
WESTCON, MIP a.o.

FISH WASTE MANAGEMENT

Involved partners:
Barents AS, Transportutvikling AS



Strong focus on internationalization



MARKET DEVELOPMENT RUSSIA

- 10 AMC members on study trip to Murmansk (2014)
- 5 AMK partners participating in a targeted market development project (2015-2017)
- Business agreements are signed



ПЕРЕДОВЫЕ НОРВЕЖСКИЕ МОРСКИЕ ТЕХНОЛОГИИ ДЛЯ РАЗВИТИЯ АРКТИКИ



Норвежский Арктический Морской Кластер нацелен на сотрудничество.

Пять компаний входящих в кластер — Hamek AS, NSK Ship Design, Barents Maritime AS, Nor Supply Offshore AS и Transportutvikling AS — приняли решение объединить свои усилия для продвижения на российском рынке. Представленные компании ведут свою деятельность в различных сферах морского бизнеса, но в равной степени заинтересованы в налаживании деловых связей с российскими партнерами.



Услуги по ремонту, техническому обслуживанию и переоборудованию судов (третий по размеру сухой док в Норвегии)

Генеральный директор
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E-mail: peter@harstad-mek.no
www.harstad-mek.no



Вспомогательные суда для нефтегазовых проектов

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Тел. +47 909 97 760
E-mail: tord@tkelendom.no
www.nsoffshore.com



Консалтинг в сфере Транспорта и Логистики. Стратегическое планирование и операционная деятельность компаний, решения для портов и терминалов, логистические цепочки и интермодальные решения, международные транспортные коридоры

Генеральный директор
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Тел. +47 958 71 905
E-mail: stig.nerdal@transportutvikling.no
www.transportutvikling.no



Морские перевозки, транспортировка рыбы и рыбопродукции, паромные сообщения

Генеральный директор
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Инновационные решения в области проектирования судов. Подразделения в Харстаде (Норвегия) и Архангельске (Россия)

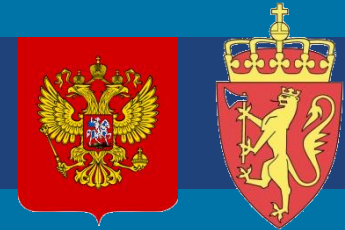
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www.nskshipdesign.com



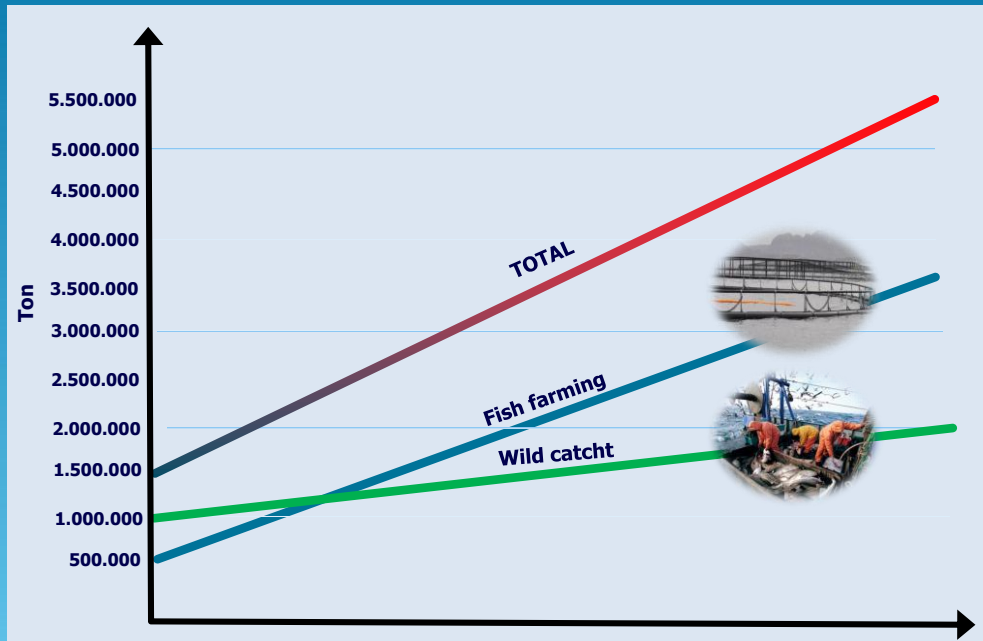
Арктический Морской Кластер
(+47) 902 47017 (P9/EN)
alexey.filin@transportutvikling.no
www.arena-amk.no



Ideas for cooperation



Seafood production will grow by 5-600% during the next years



- Fishing in the same water
- Larger and more modern fleet
- How to handle the market for silage by developing logistics, cooperation and technologies
- Etc



Fish waste management – environment and business together



INNOVASJON

Verdiskaping av død fisk.





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Project management performed by



TRANSPORT
UTVIKLING

Transportutvikling AS

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[www. Transportutvikling.no](http://www.Transportutvikling.no)

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