

APRIL 24TH 2019

IMPACTS FROM SECA AND GLOBAL CAP 2020

9.00AM - 5.00PM

Before the 0.1 % SECA was adopted in the Baltic and North Seas in 2015, there was great fear about the consequences. Since then, little knowledge has been created on the actual effect of SECA in terms of emissions, air quality, human health, and the shipping business.

The three years EnviSuM project has analysed the impacts of SECA. Soon the Global Sulphur Cap 2020 will enter into force. But what can we learn from SECA? Are there lessons to be learned from SECA to the Sulphur Cap? Join the debate in our final conference!

The target group is authorities, researchers, maritime organisations, policymakers, as well as companies that are interested in SECA, Global Sulphur Cap 2020, air emissions from shipping and the impact on health. Participation is free of charge.

READ MORE
ABOUT THE
PROJECT HERE

Practical information



Participation is free of charge
Please register [HERE](#)

Danish Maritime Authority

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- HOW HAS SECA
AFFECTED
AIR QUALITY,
HUMAN HEALTH
AND THE SHIPPING
INDUSTRY?

- WHAT IS AIR
EMISSION
PERFORMANCE
OF SCRUBBERS,
LNG AND MGO?

- WHAT ARE THE
LESSONS LEARNED
FROM SECA
TO THE GLOBAL
SULPHUR
CAP 2020?

- WHAT IS THE
LEVEL OF
COMPLIANCE
OF SECA?

Session 1: Effects of SECA on air quality and human health

Jukka-Pekka Jalkanen, Senior researcher, Ph.D at the Finnish Meteorological Institute

What are the emissions from ships at urban and regional Scale?

Jan Eiof Jonson, the Norwegian Meteorological Institute

The effects of present and future emissions of air pollutants from shipping in the Baltic Sea and the North Sea

Professor Lars Barregård, University of Gothenburg

What are the health benefits from the SECA regulation and what can we expect from the Global sulphur cap 2020?

Session 2: Enforcement and compliance

Professor Johan Mellqvist, Chalmers University

What is the level of compliance? The results from measurements of SOx and NOx emissions from ships in the Baltic Sea

Sari Repka, Manager of the EnviSuM project, University of Turku

Costs and benefits related to compliance with the SECA regulation

Danish Maritime Authority/Danish EPA (TBA)

How has SECA been enforced and what learnings can we take with us to the Global Sulphur Cap 2020?

Session 3: The business side of sulphur regulation

Professor Tadeusz Borkowski, Maritime University of Szczecin

What is the actual performance of scrubbers, LNG and MGO? Results from measurements on board vessels

Professor Gunnar Prause, Tallinn University of Technology

Is clean shipping a good business case and what should be considered when investing in solutions to comply with sulphur regulations?

Shipowner (TBA)

What will be the challenges for ship owners in 2020 and how can we support compliance with Global Sulphur Cap 2020?

All sessions will include a panel discussion with presenters and selected experts

KEY NOTE SPEAKERS



**Professor Johan Mellqvist,
Chalmers University**

What is the level of compliance? The results from measurements of SO_x and NO_x emissions from ships in the Baltic Sea



**Professor Gunnar Prause,
Tallinn University of
Technology**

Is clean shipping a good business case? And what should be considered when investing in solutions to comply with sulphur regulations?



**Professor Lars Barregård,
University of Gothenburg**

What are the health benefits from the SECA regulation? And what can we expect from the Global Sulphur Cap 2020?



**Professor Tadeusz Borkowski,
Maritime University of
Szczecin**

How is the emission performance of scrubbers, LNG and MGO?
Results from actual measurements on board vessels



**Clea Henrichsen, Special
advisor at Ministry of
Environment and Food**

How has SECA been enforced and what learnings can we take with us to the Global Sulphur Cap 2020?