

#### Roundtable discussion

Climate shipping pollution:
piecemeal regulation for different
objectives? Health, climate, environmental,
and socioeconomic implications and
challenges for green shipping propulsion







Hamburg, 12. / 13. March 2019 KlimaCampus Hamburg Grindelberg 5 20144 Hamburg, Germany



## **Preliminary Agenda**

Version, 11.2.2019

### **12**th of March **2019**

12.00	Snack and Get together
12.30	Welcome and introduction by Wilfried Rickels, Christiane Joerk, Daniela Jacob
12.45-13.30	<b>Impact of ship emissions</b> on air quality, by Volker Matthias Comment by industry representative (7 min)  Discussion (15 min)
13.30-14.15	Climate effects of shipping by Johannes Quaas Comment by industry representative (7 min) Discussion (15 min)
14.15-15.00	<b>Impacts of shipping on the aquatic environment</b> by Anna Rutgersson Comment by industry representative (7 min) Discussion (15 min)
15.00-15.30	Coffee Break

#### 15.30-17.30 World Café

Goal: Come up with open scientific questions considering the input and needs of the stakeholders

# Topic 1: Emission reduction regulations, technologies and their consequences

Subtopic: Effects of Scrubbers and LNG. How mature are these technologies? What are the problems?

#### Topic 2: Air quality and health

Questions: What is the impact of current regulations? How useful are further regulations? Which would be most urgent for health protection?

# **Topic 3: Climate effects and perspectives for carbon neutral shipping**Questions: How useful is a global sulphur reduction w.r.t. climate effects? How can shipping become carbon neutral on the long run?

## **Topic 4: Shipping effects on aquatic and terrestrial ecosystems**Can we quantify shipping effects on water quality and land ecosystems?

#### Topic 5: Socio-economic drivers for green shipping

Questions: How do ship owners react to stricter regulations? Which implications on the ship trade do stricter regulations have?

17.30	<b>Plenum</b> – presentation of tables' results and discussion of further proceedings
18.00	End of Day 1
19.00	Dinner

#### 13th of March 2019

09.00-10.15	SOx regulations in context of SDGs (health and ocean) and GHG Emission Reduction goals, moderated by Christa Marandino
10.15-12.00	$\begin{tabular}{ll} \textbf{Working groups} to outline interdisciplinary research proposals addressing the questions from Day 1 / drafting of a position paper \end{tabular}$
12.00	<b>Short presentations</b> on working group results Discussion of outcome and further proceedings in plenum
12.30	Goodbye and Snack