

Sectors & Solutions

Conclusions & Recommendations

On

Shipping, Agriculture and Solid fuel burning

Recommendations Shipping towards 2030

- SECA/NECA in all European sea areas (countries; EU; IMO)
- Ensure monitoring/compliance/enforcement of global S-standards and SECA/NECA-standards. Evaluate the introduction of mandatory CEMS. (Countries; EU; IMO)
- NO_x-reduction schemes for existing ships, for example by economic instruments such as a Levy & Fund system - use example from Norway (EU, HELCOM/OSPARCOM/REMPEC, countries)

Recommendations to reduce pollution from solid fuel burning 1

- Information and awareness raising campaigns addressing the public, politicians, municipalities etc. to foster behavioural changes and facilitate introduction of regulations
(timeframe: short. Who: local, national governments, NGO)
- Accelerating replacement of old stoves / boilers with lower / zero emission heating system (e.g. new stoves / boilers, district heating, solar, heat pumps) alongside insulation
(timeframe: medium - long. Who: local, national governments)
- Introduce new ambitious legislation including emissions standards, mandatory regular inspection, instructions e.g. by chimney sweepers for proper operations.
(timeframe: medium. Who: local, national government, international bodies)

Recommendations to reduce pollution from solid fuel burning 2

- Economic incentives (e.g. taxation of residential burning, public procurement) to reflect the polluter pays principle
(timeframe: medium. Who: local, national government)
- Improvement of data basis to allow introducing cost effective measures and regulations (number, type, age, location of appliances, emission factors,....)
(timeframe: short / continuous. Who: national government, international bodies)

Agriculture Sectors and Solutions SUMMARY 1

- Voluntary and economic approaches need to be complemented by **further regulation** in order to meet the NECD and GP goals for NH_3 (e.g. low-emission manure spreading, covered manure storage)
(\Rightarrow Govts)
- **Joined up approaches across the nitrogen cycle** are needed to achieve air, climate, water and economic co-benefits.
(\Rightarrow Air Convention, Climate Convention, European Commission, UN Environment, INMS)
- **A 30% Club** would offer an opportunity to share best practices in meeting ammonia goals (\Rightarrow Govts)

SUMMARY 2

- **Reduction in meat and dairy intake** in the UNECE region necessary to meet air and other environment goals for 2030 and offers opportunity for health co-benefits. Environmental considerations could be included in dietary guidance
(⇒ Education, Health Agencies & Govts)
- **Reform of CAP** offers a major opportunity to integrate air pollution solutions into agricultural financing schemes
(⇒ EU Council, EU Comm.)
- **Cattle production** should be included in the **IED** regulation in line with poultry and pig farming
(⇒ Governments, European IPPC bureau)