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)

• NOx-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

- 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) (⇒ Govts)

• Joined up approaches across the nitrogen cycle are needed to achieve air, climate, water and economic co-benefits. (⇒ Air Convention, Climate Convention, European Commission, UN Environment, INMS)

• A 30% Club would offer an opportunity to share best practices in meeting ammonia goals (⇒ Govts)
• **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)