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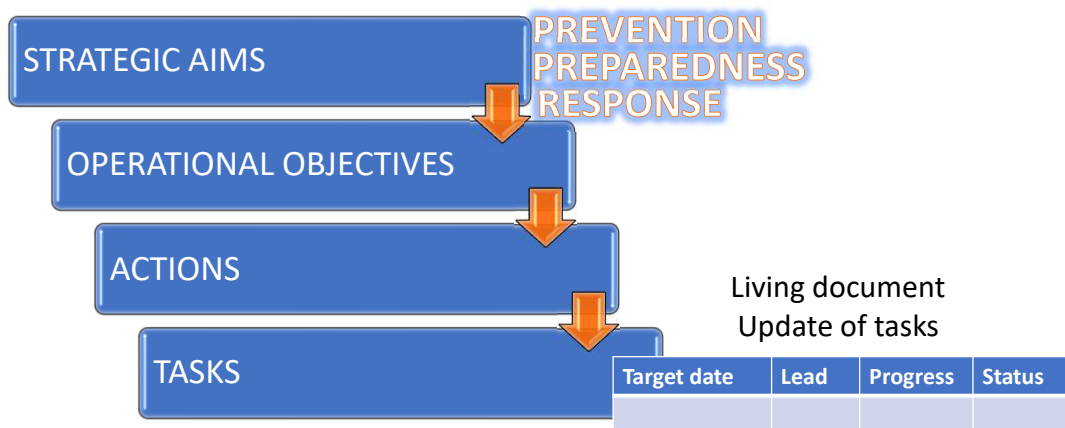


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### Structure of BASAP 2019-2025



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### BASAP 2019-2025 Recurrent tasks

#### PREVENTION

- Aerial + SAT surveillance
- Efficient monitoring & reporting standards
- Keep AOH updated
- Strengthen cooperation with NSN
- Continue OSINET activities
- Support implementation of BE AWARE risk reducing measures

#### PREPAREDNESS

- Keep CPM updated
- Regional exercises & training
- Readiness for EU Host Nation Support assistance
- Info exchange and development of environmental advice systems

#### RESPONSE

- Efficient POLREP system
- Develop/maintain joint response plans
- Info exchange on wildlife response
- Info exchange on dispersants
- Promote research on HNS
- Consider regional risk assessment for HNS

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### BASAP 2019-2025 New challenges & focus

#### PREVENTION

- **MARPOL Annex VI** - Analyse surveillance needs, consider min. recommendations and a common approach for monitoring compliance for **SOx & NOx**
- Strengthen detection & enforcement of **MARPOL Annex V** offences
- Report on and respond to developments of **RPAS** and **HAPS**

#### PREPAREDNESS

- Development of **HNS Response Manual** (~REMPEC & HELCOM)
- Cooperation with **OSPAR** (offshore oil & gas operations, MSFD)
- **Continue to evolve response capacity** based on environmental risk analysis to keep up with the changing maritime risk

#### RESPONSE

- Info exchange on incidents incl. in **windfarms**, on **places of refuge** and **waste management**
- Address preparedness & response to **new fuels** encouraging R&D
- Info exchange on **national risk assessment systems**, incl. ETVs

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### Aerial Surveillance

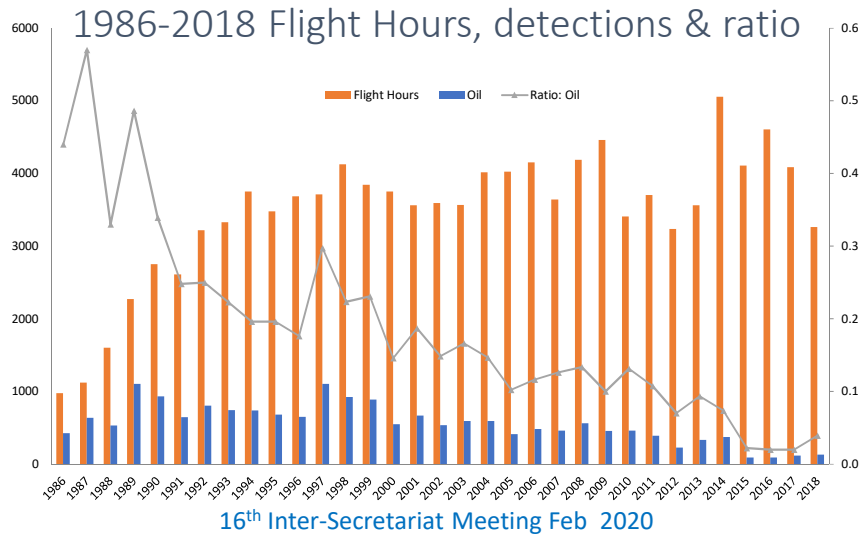


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50  
YEARS

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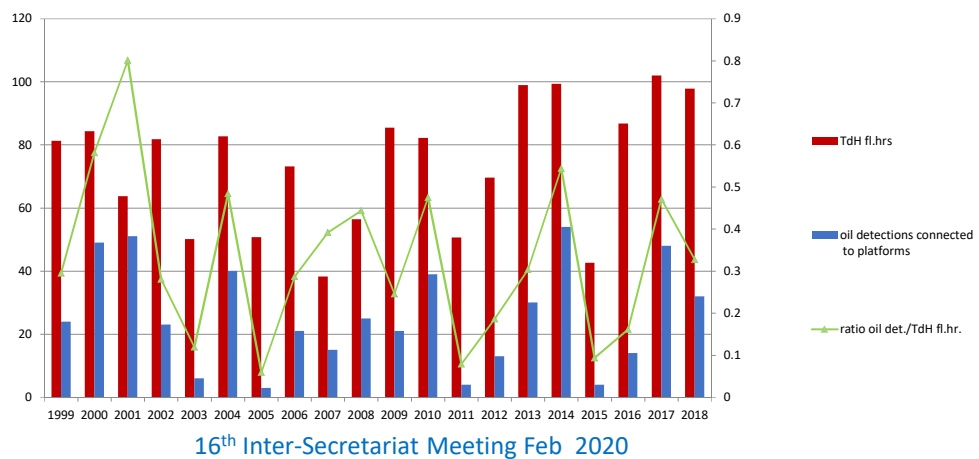


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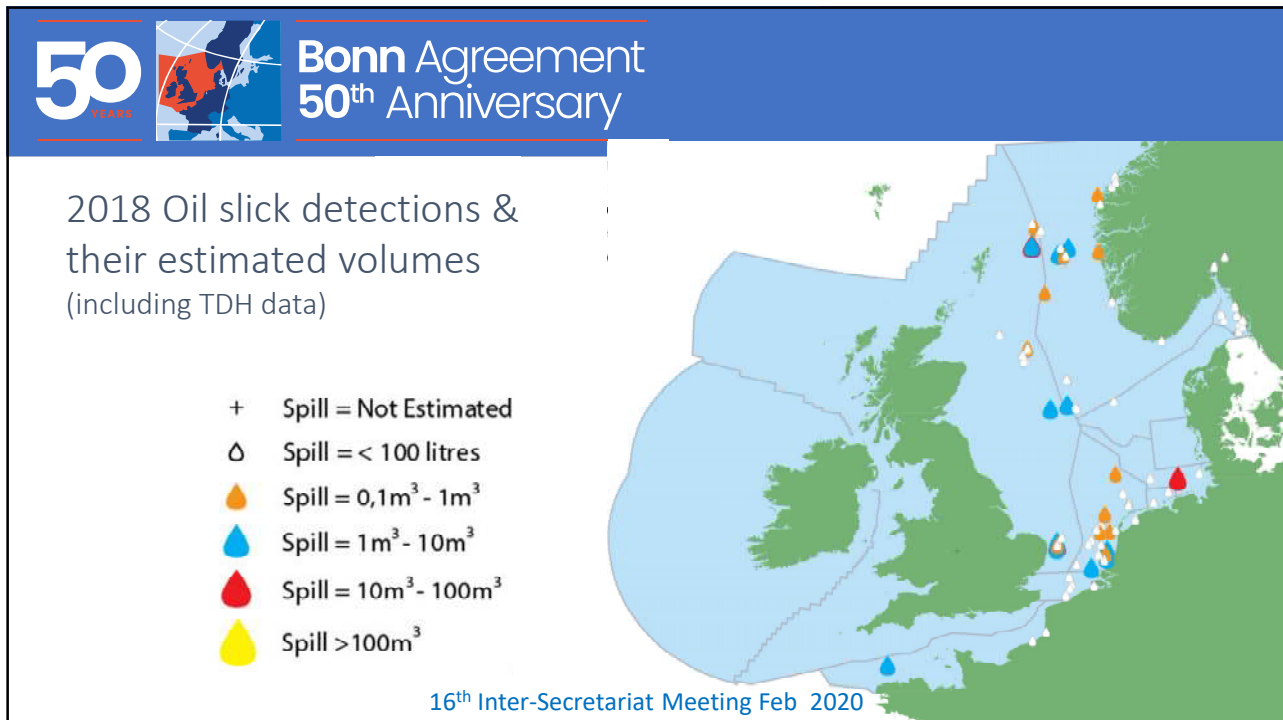
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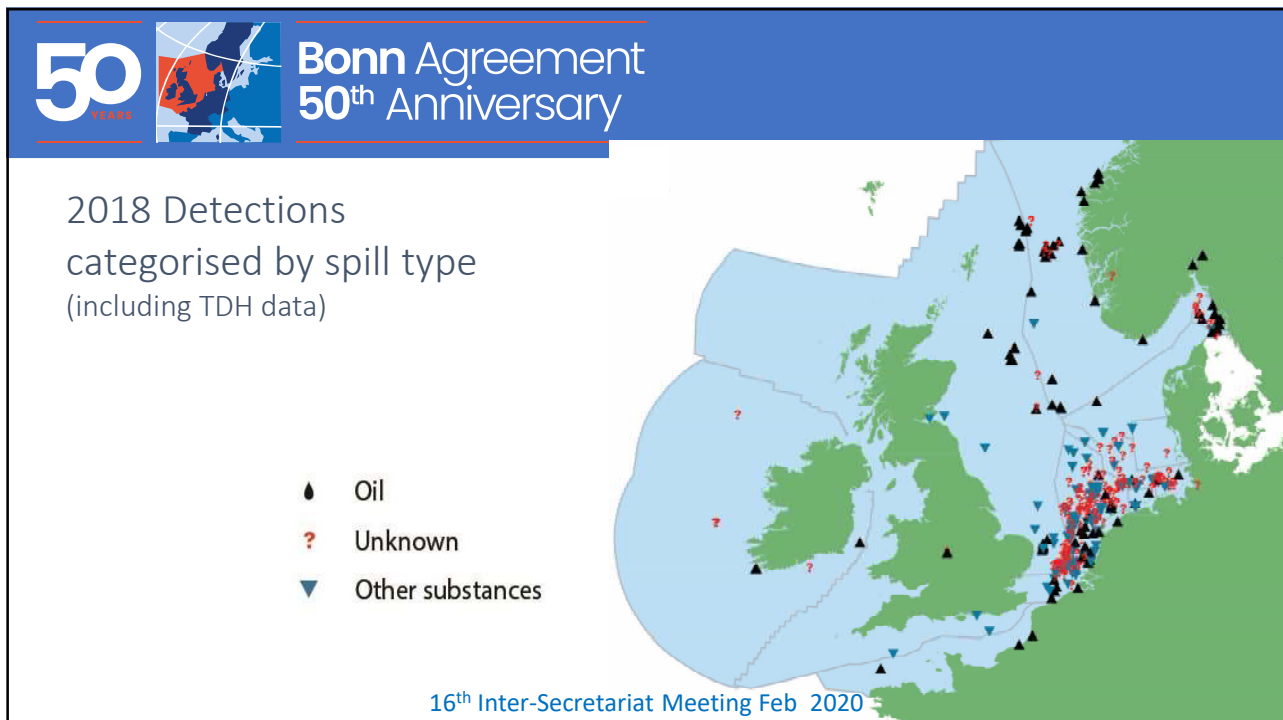
### 1999-2018 TDH flight hours, detections & ratio



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## Review of the Aerial Surveillance Format

- Reviewed to better reflect the new trends and changes
- OTSOPA 19 agreed on the new reporting format:
  - MARPOL Annex VI not (yet) included
  - To be adopted by HELCOM to ensure harmonisation between both regional agreements.

BA takes part on the SSP CG coordinated by EU on the standard template to report under Article 12 of Directive 2005/35/EC on ship source pollution and on the introduction of penalties for pollution offences

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## 2019 Exercises

### **DENGERNETH & BONN** **Exercise 2019**

18-19 June 2019

12 NM off Helgoland (GE)

4 Nations ( DK, DE, NL, NO)

22 Vessels 2 Aircraft 1 Heli

23 m<sup>3</sup> Popcorn (oil simulant)

297 Participants



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### 2019 Exercises

#### Super CEPCO 2019

Coordinated by Germany

9-13 Sept. 2019

7 aircraft from BA + HELCOM

16 Flights with 55:55 FH

6 detections (no oil; probably biogenic substances)



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### 2020 Exercises

- Alarm exercise (UK)
- DenGerNeth (DK)

### 2021 Exercises

- Super CEPCO



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## MARPOL Annex VI

BONN Ministerial 19 **agreed** on the decision to extend BA scope of work with MARPOL Annex VI compliance monitoring activities



### Operational implications

What? How? Effort? Follow-up?



- (OTSOPA 19: Brief 1st discussion)
- OTSOPA 20: discussion with experts
- Dedicated Workshop planned in BE (~autumn 2020)

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## MARPOL Annex VI. Operational considerations

- Potential use of various platforms & sensors
- Include near- & on-shore monitoring?
- Develop national and/or sub-regional compliance monitoring programmes?
- Jointly discuss “reasonable” effort
- Different follow-up of MARPOL Annex VI cases



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## Joint inter-regional HNS Response Manual

Bonn Agreement  
Accord de BonnMediterranean  
Marine Oil & HNS  
Pollution  
Cooperation

- Validation process until summer 2020:
  - Feedback from OTSOPA WG
  - Presentation of manual by Cedre, ITOPI & ISPRA at OTSOPA 2020
- Adoption by BONN 2020
- Publication by December 2020
- To be included in the Counter Pollution Manual

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# Thank you

Ronny Schallier  
Chair of OTSOPA

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