Task 2.3: Optimisation of existing monitoring and modelling programmes

- Inventory of existing monitoring and modelling programmes.

- Strategic analysis of the monitoring and modelling programmes and related infrastructures.

- A roadmap for infrastructure optimisation.

Deliverables:

- Inventory of existing monitoring and modelling programmes (August 2016)

- Roadmap for optimisation of monitoring and modelling programmes (February 2018)

Task 2.3: Optimisation of existing monitoring and modelling programmes

- Inventory of existing observational/monitoring projects
- Inventory of existing observational/monitoring platforms
- Inventory of existing monitoring and modelling programmes.
- Inventory of existing monitoring and modelling networks

Inventory of existing Arctic observational/monitoring projects

- Information: Scope, variables, geography, duration, financing, link to programmes

- Input (in addition to CON):
  - Arctic nations and Permanent Participants
  - Non-Arctic nations
  - International/regional organisations: GEO, WMO, UNEP

- Examples of existing inventories: AMAP Project Directory, ArcticNet INTERACT, SAON

- Definition of 'project'?

- Definition of 'reporting format' (AOOS)

Inventory of existing Arctic observational/monitoring platforms

- Information: Geography, financing, link to programmes
- Input (in addition to CON):
  - Arctic nations and Permanent Participants
  - Non-Arctic nations
  - Platform organisations: ESA, FARO, INTERACT, NASA
- Examples of existing inventories: INTERACT (Station Catalogue)
- Definition of 'platform' (ship, station, satellite)'?
- Definition of 'reporting format'

Inventory of existing Arctic observational/monitoring programmes

- Information: Scope, variables, geography, duration
- Input (in addition to CON):
  - Arctic nations and Permanent Participants
  - Non-Arctic nations
  - International/regional organisations: AMAP, CAFF, ICES
- Definition of 'programme'?
- Definition of 'reporting format'?

Inventory of existing Arctic observational/monitoring networks

- Information: Scope, variables, geography, duration
- Input (in addition to CON):
  - Arctic nations and Permanent Participants
  - Non-Arctic nations
  - International/regional networks: CBMP, DBO, IASOA, INTERACT, SIOS, PEEX
- Definition of 'network'?
- Definition of 'reporting format'?

For all inventories

- Definition: projects/platforms/programmes/networks
- Definition of 'reporting format'
- Manual/semi-automatic/automatic information reporting process