

There is a need for global air monitoring

...but there isn't an appetite to create a whole new network

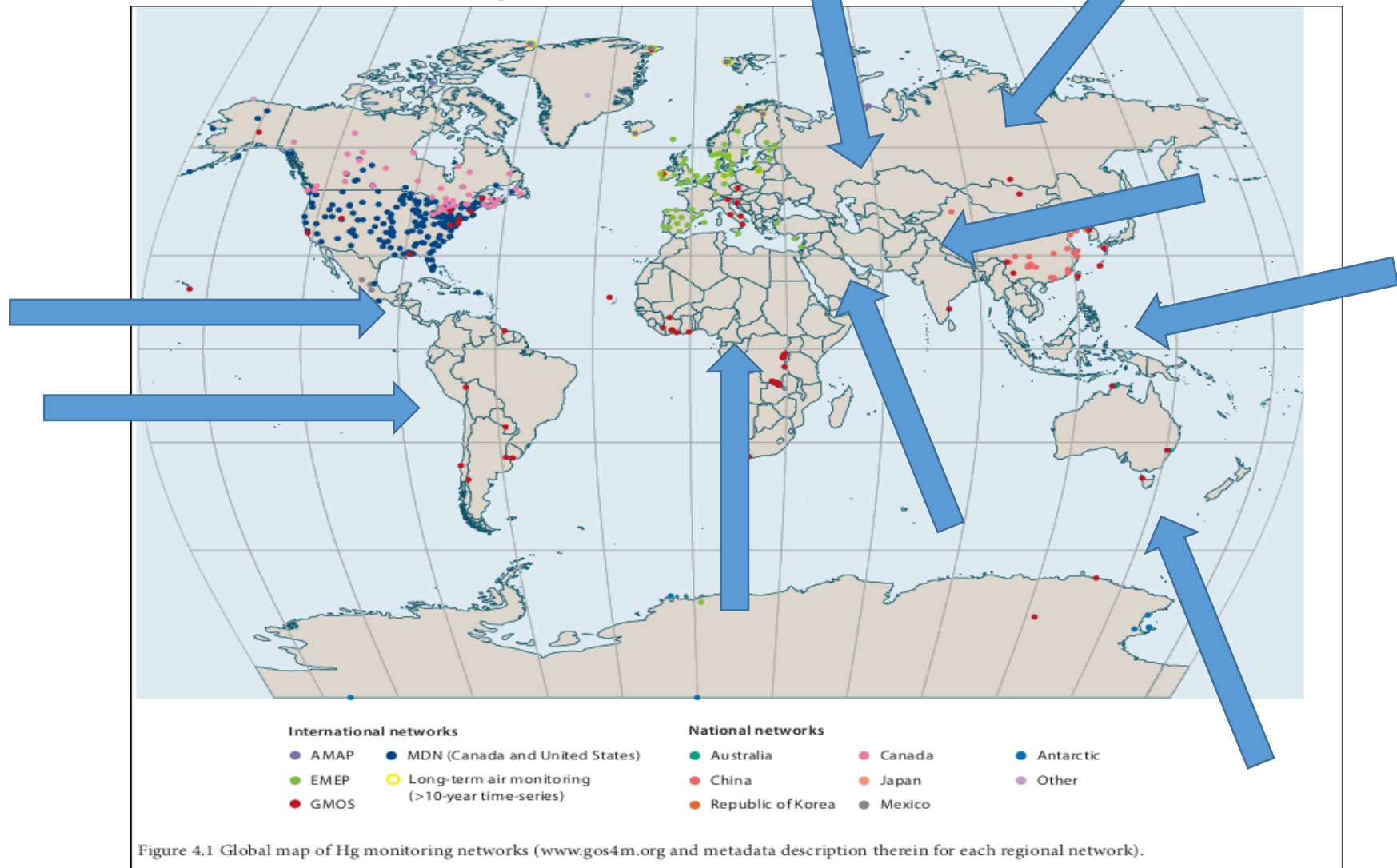
Parameters provided by the COP

- Need to address the needs of the convention
- Address the gaps in information but cannot create a new global network
- Data needs to be globally representative and appropriate
- Data needs to be reproducible, comparable and high quality
- Monitoring must be low cost and sustainable

Fill in the gaps with passive air samplers through a concept of “network of networks”



Global Mercury Assessment 2019

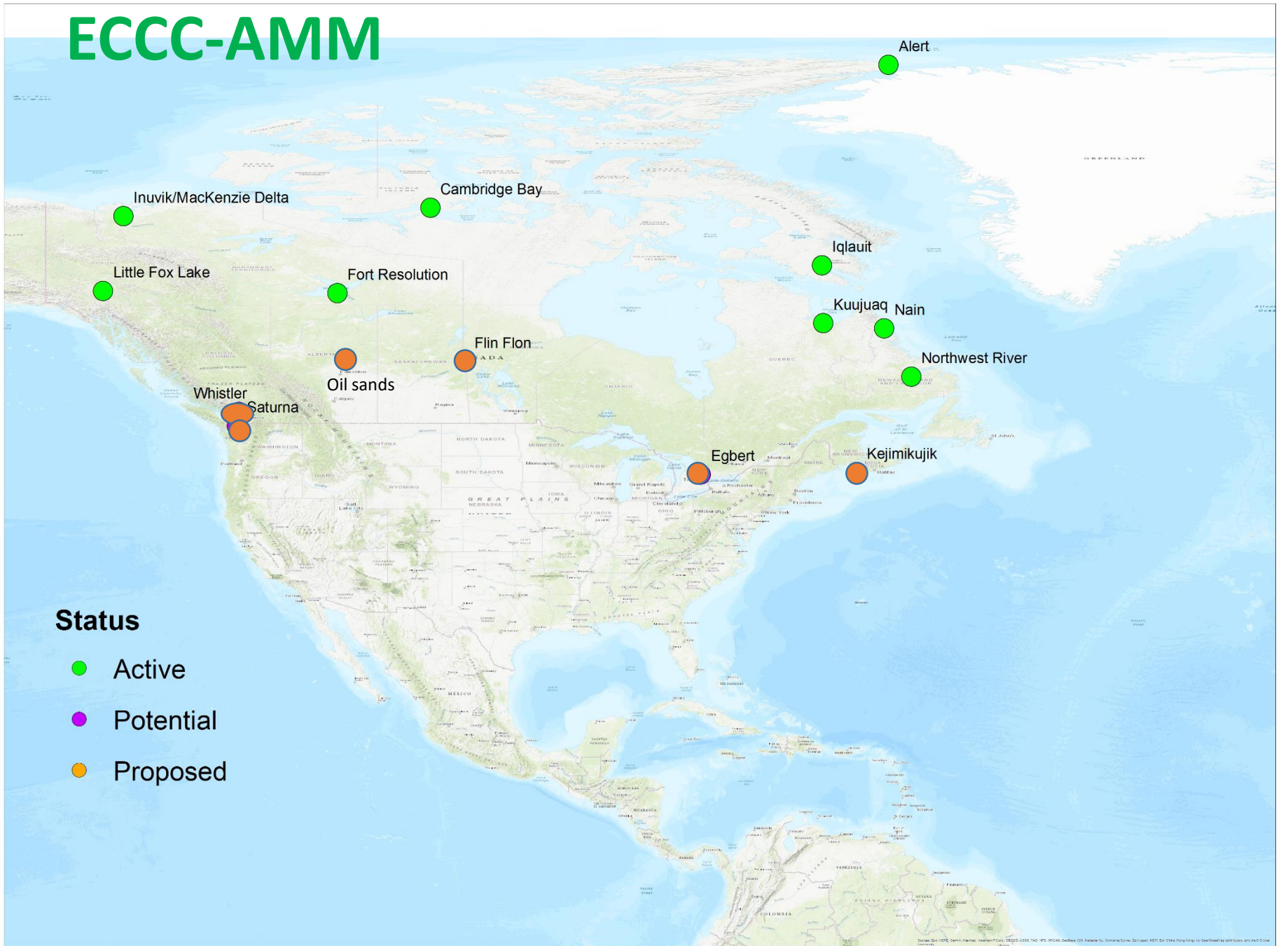


Some gaps are being filled by EU and Canada* funded projects using new technology

* Canadian funding is only for a 2 year period to show proof of concept



ECCE-AMM



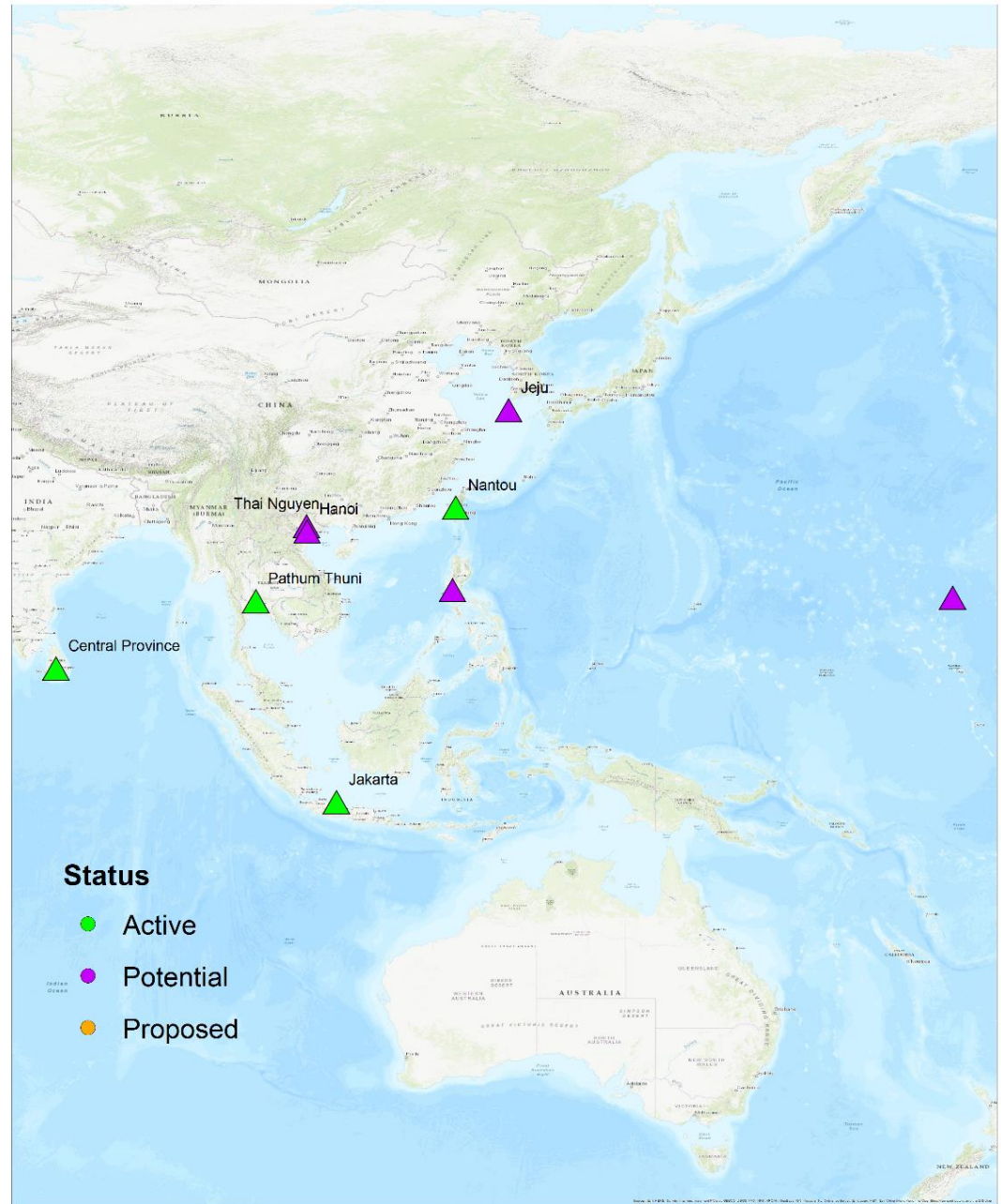
Status

- Active
- Potential
- Proposed

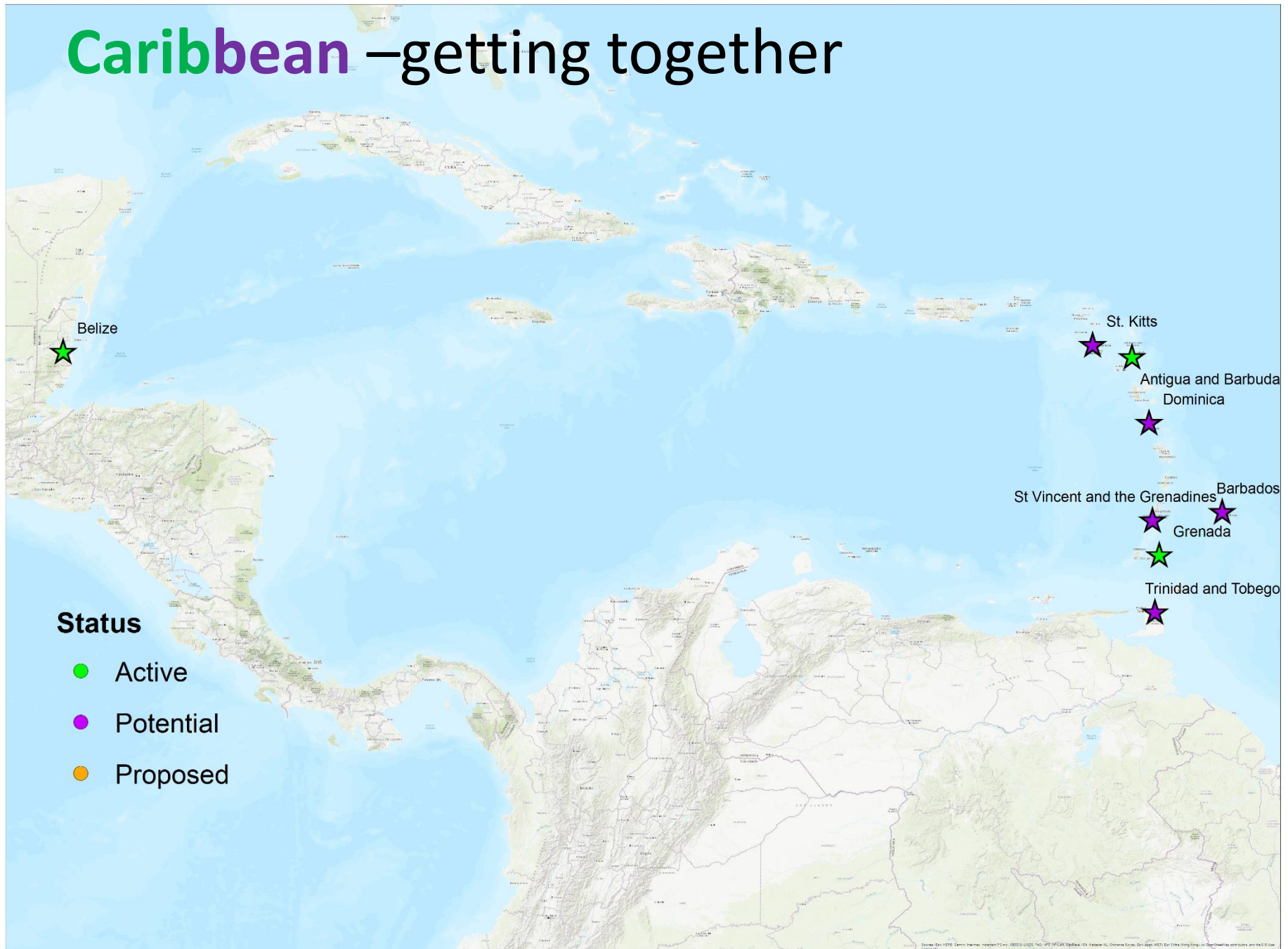
APMMN

3 sites have agreed to participate; waiting on a 4th

- Taiwan
- Indonesia
- Sri Lanka
- Thailand



Caribbean –getting together



GMOS Network



LAPAN – potential

POPs network who has agreed to partake, just need to pick sites and work out details

Frank Wania did 1 year study at all these sites



Combining air monitoring

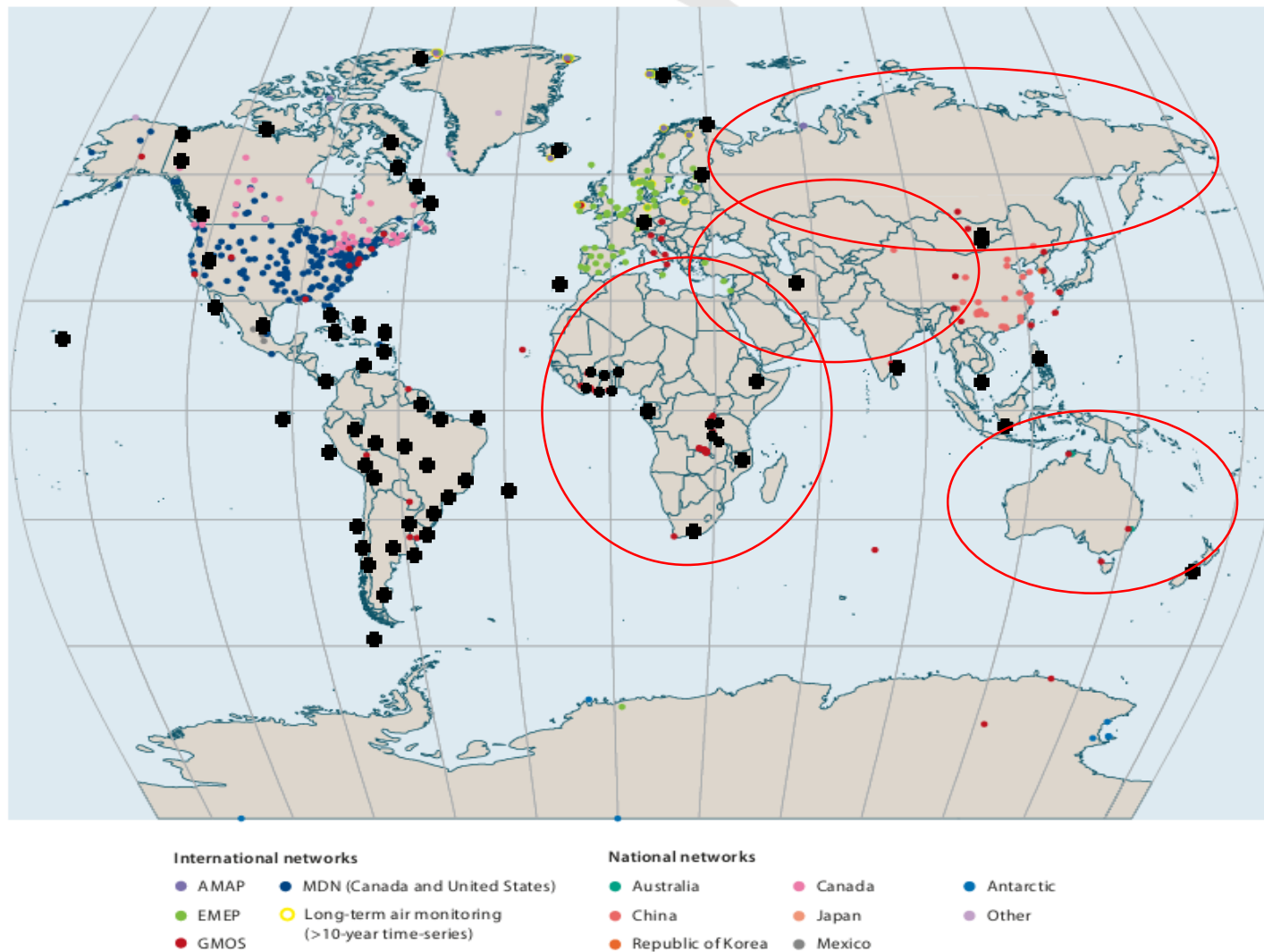


Figure 4.1 Global map of Hg monitoring networks (www.gos4m.org and metadata description therein for each regional network).