



Proof of concept for a European raptor biomonitoring scheme:
Biomonitoring the white-tailed eagle *Haliaeetus albicilla* in northern Europe

THE GOOD

biomolecules

homeostasis

clinical health

fitness



malnutrition & starvation

infections & diseases

pollutant exposure

climate change

THE BAD

THE UGLY

field and collection capacity

morphometrics

- wing length
- tail length
- bill length and height
- tarsus length and depth
- hallux and foot
- mass
- crop mass
- stress bars

- international ring
- national ring

ring identification

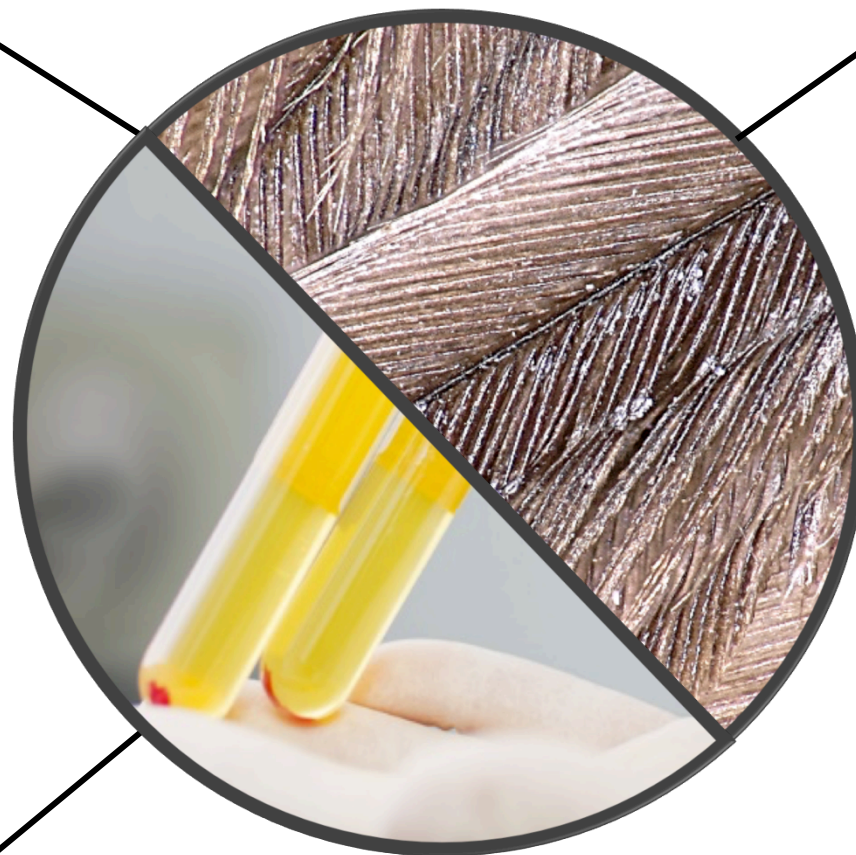
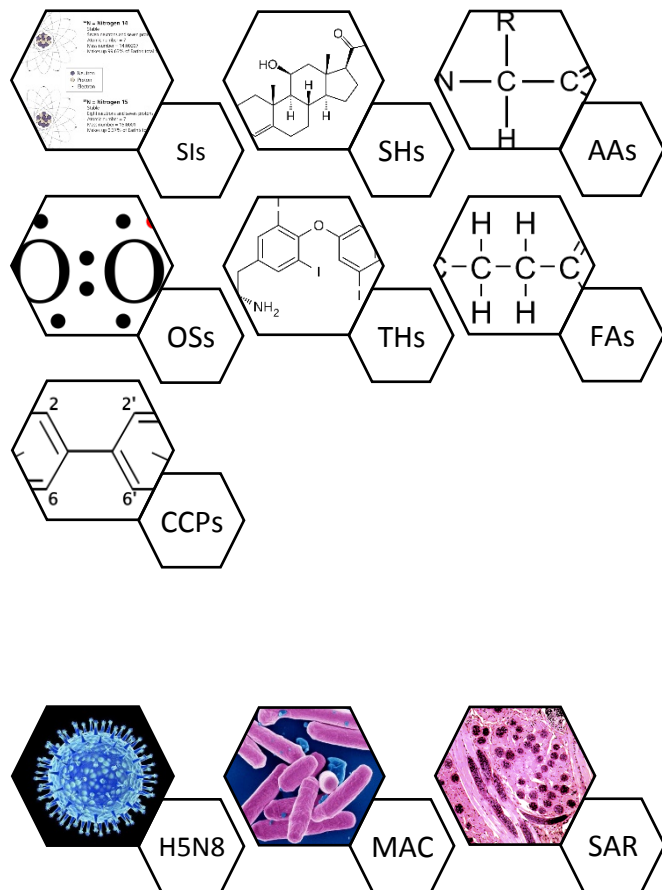


tissue banking

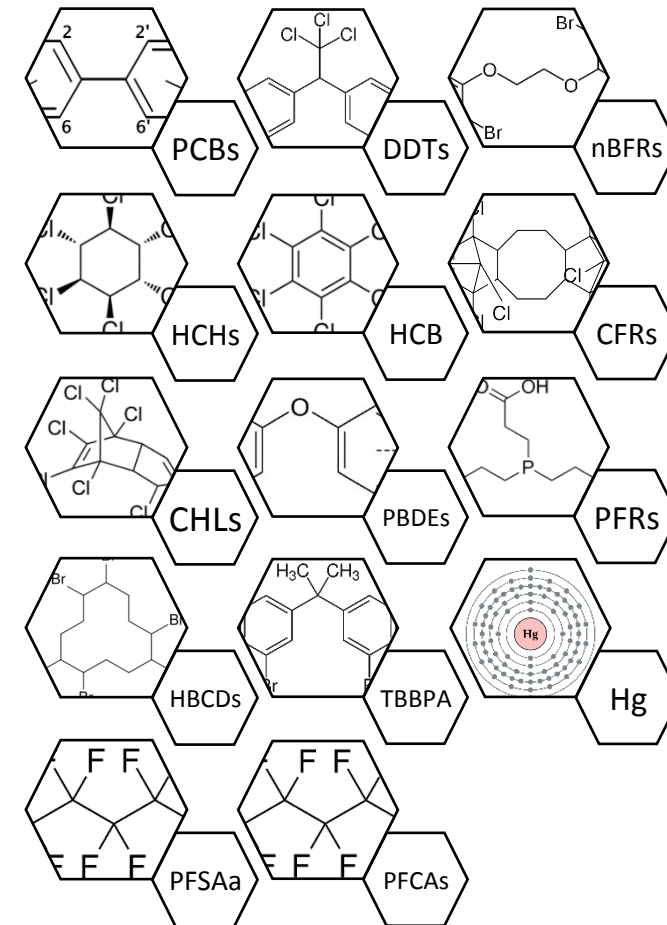


analytical capacity

biomolecules

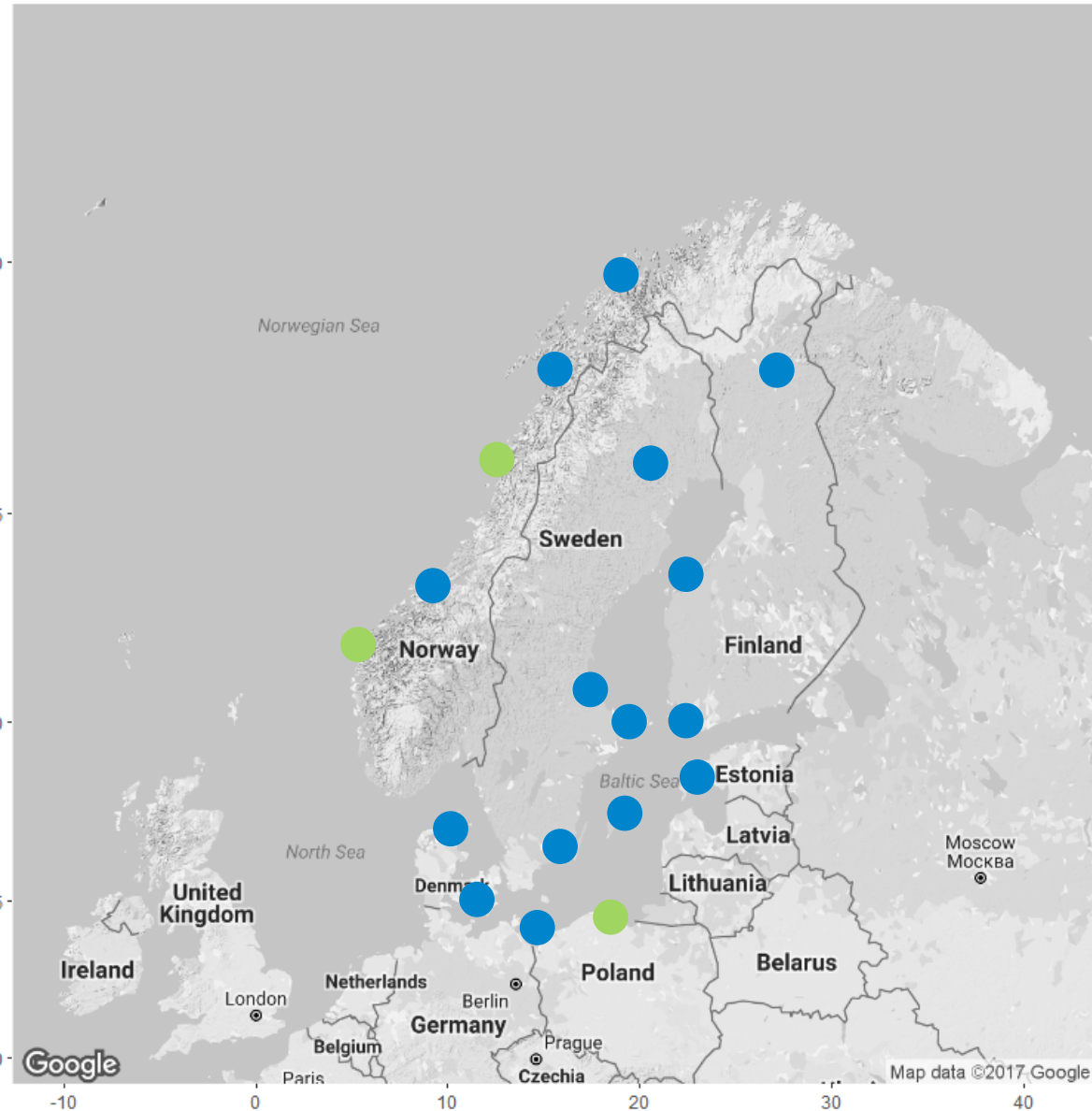


pollutants



infections and diseases

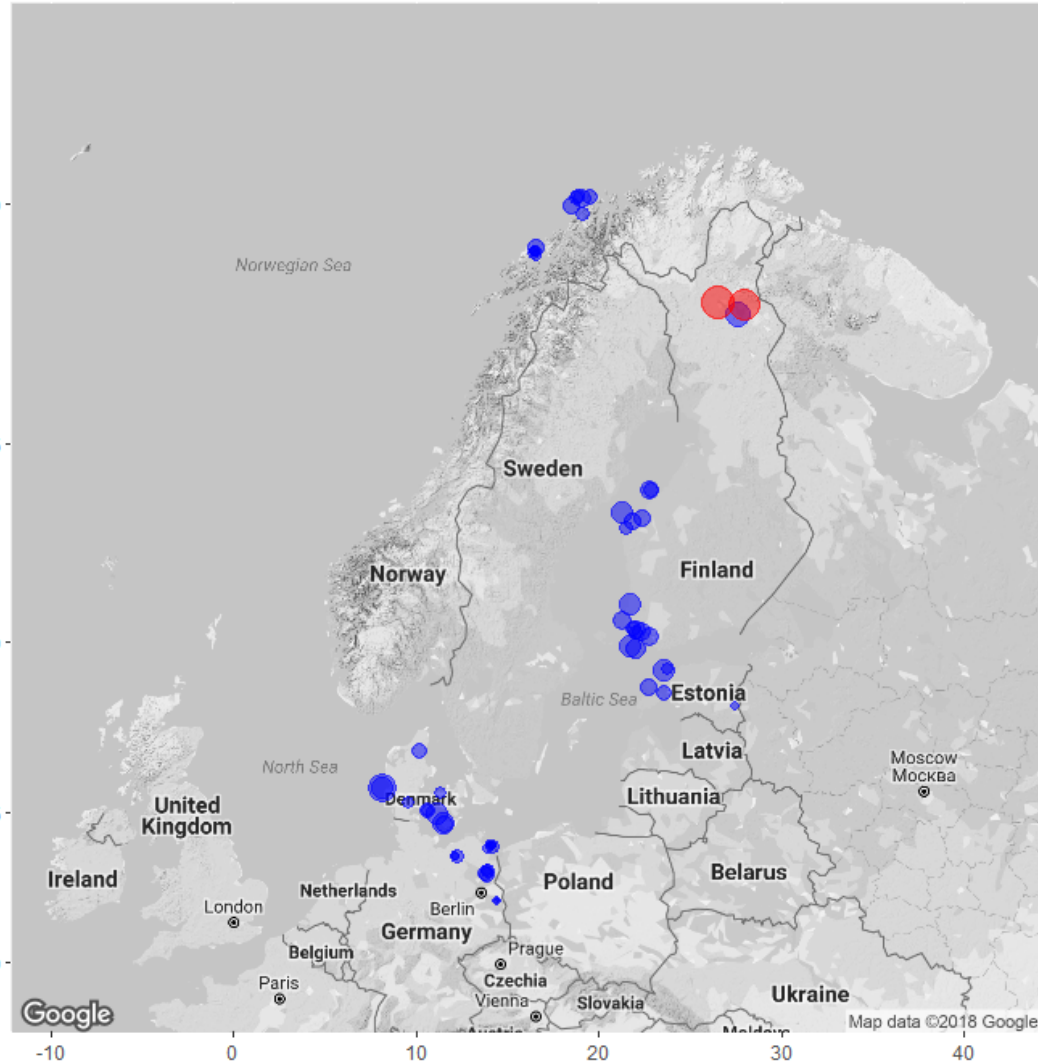
Consortium, collaboration and coordination



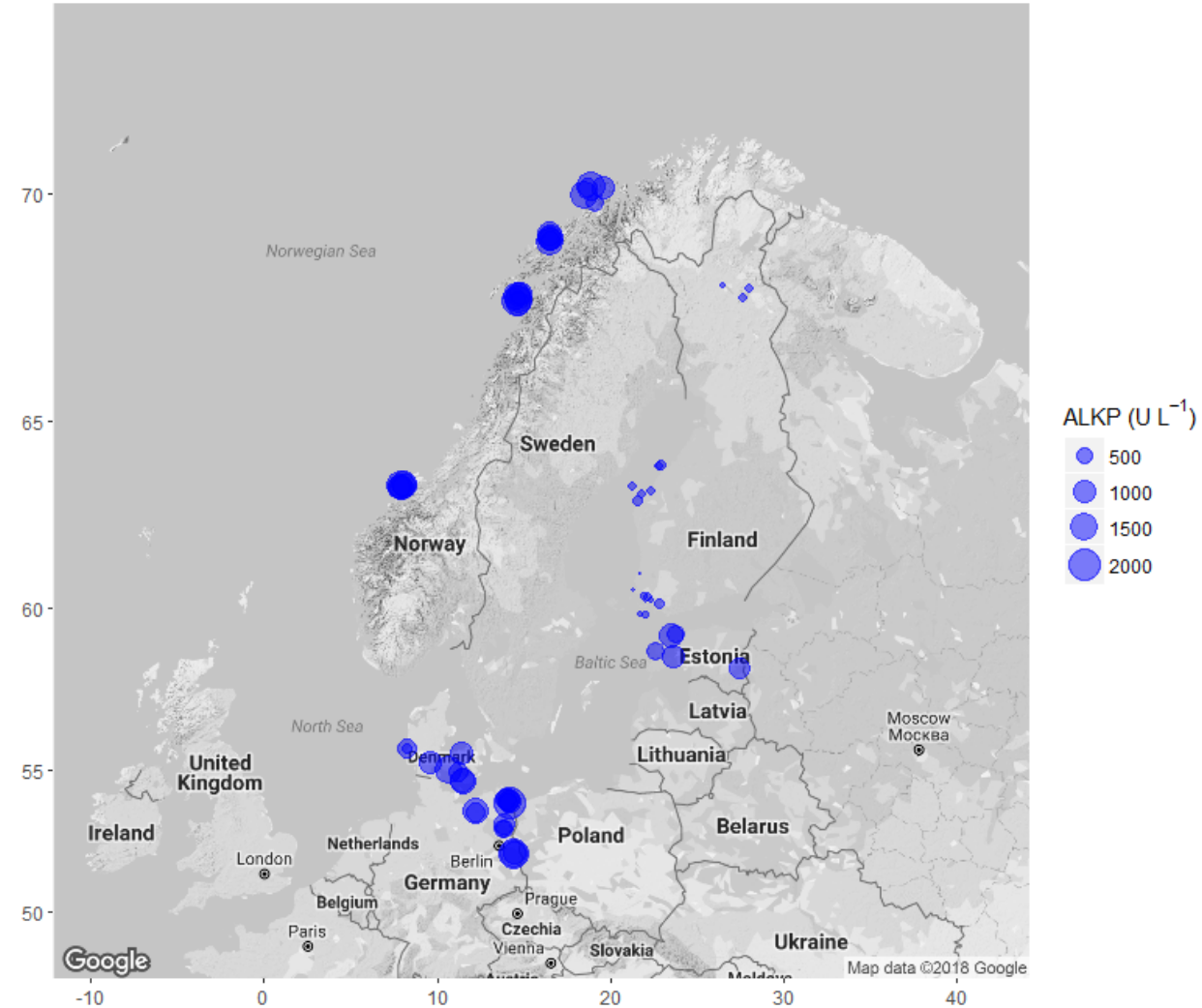
- established sites
- potential expansion



nestling feathers: Hg concentrations

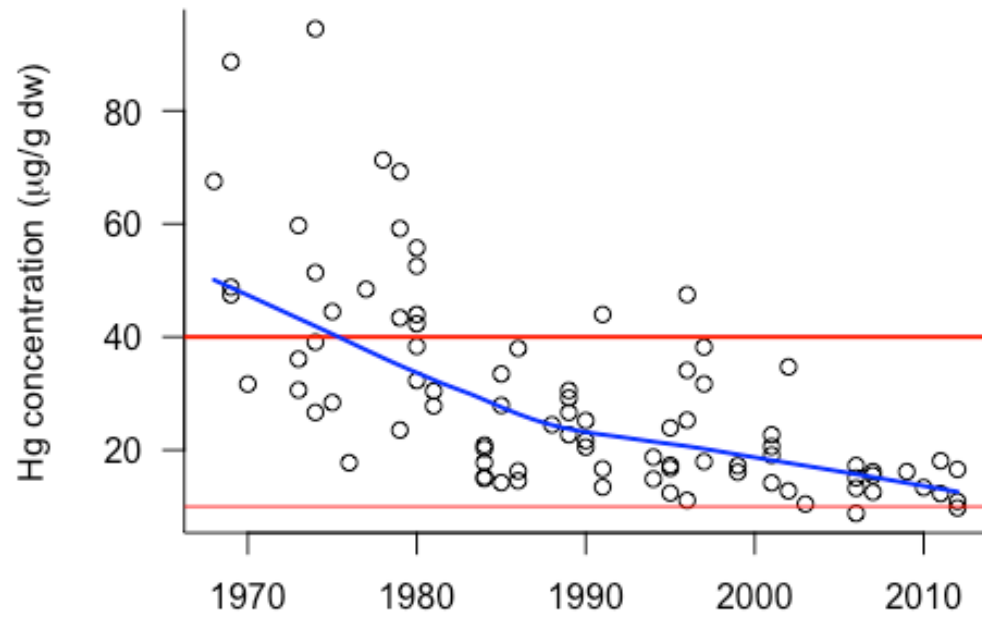


nestling feathers: stable nitrogen isotopes



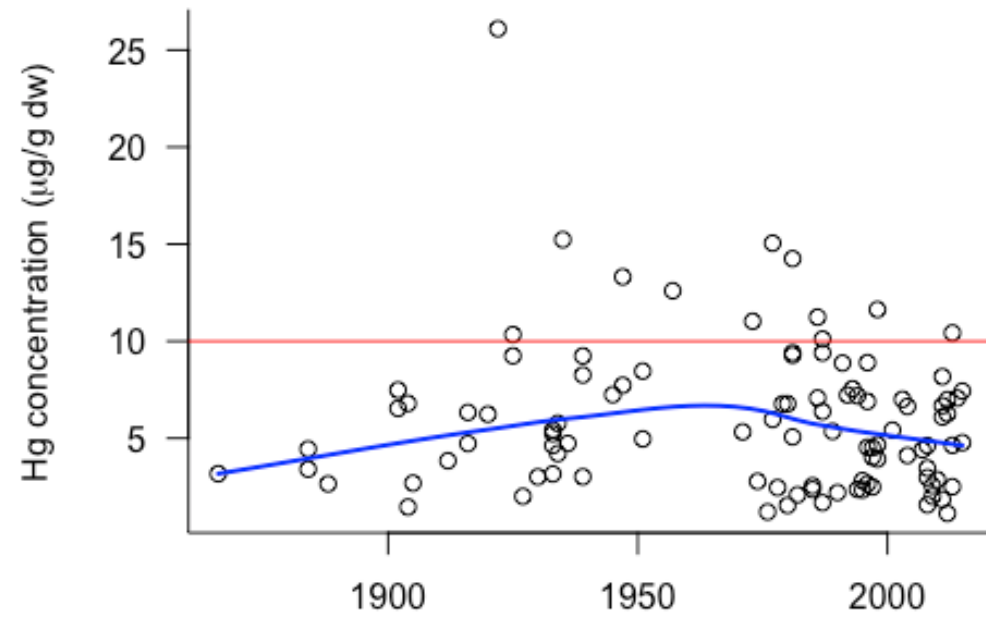
adult feathers: Hg concentrations

Stockholm archipelago, Sweden



adult feathers: Hg concentrations

Nordland and Troms, Norway





To be continued ...