

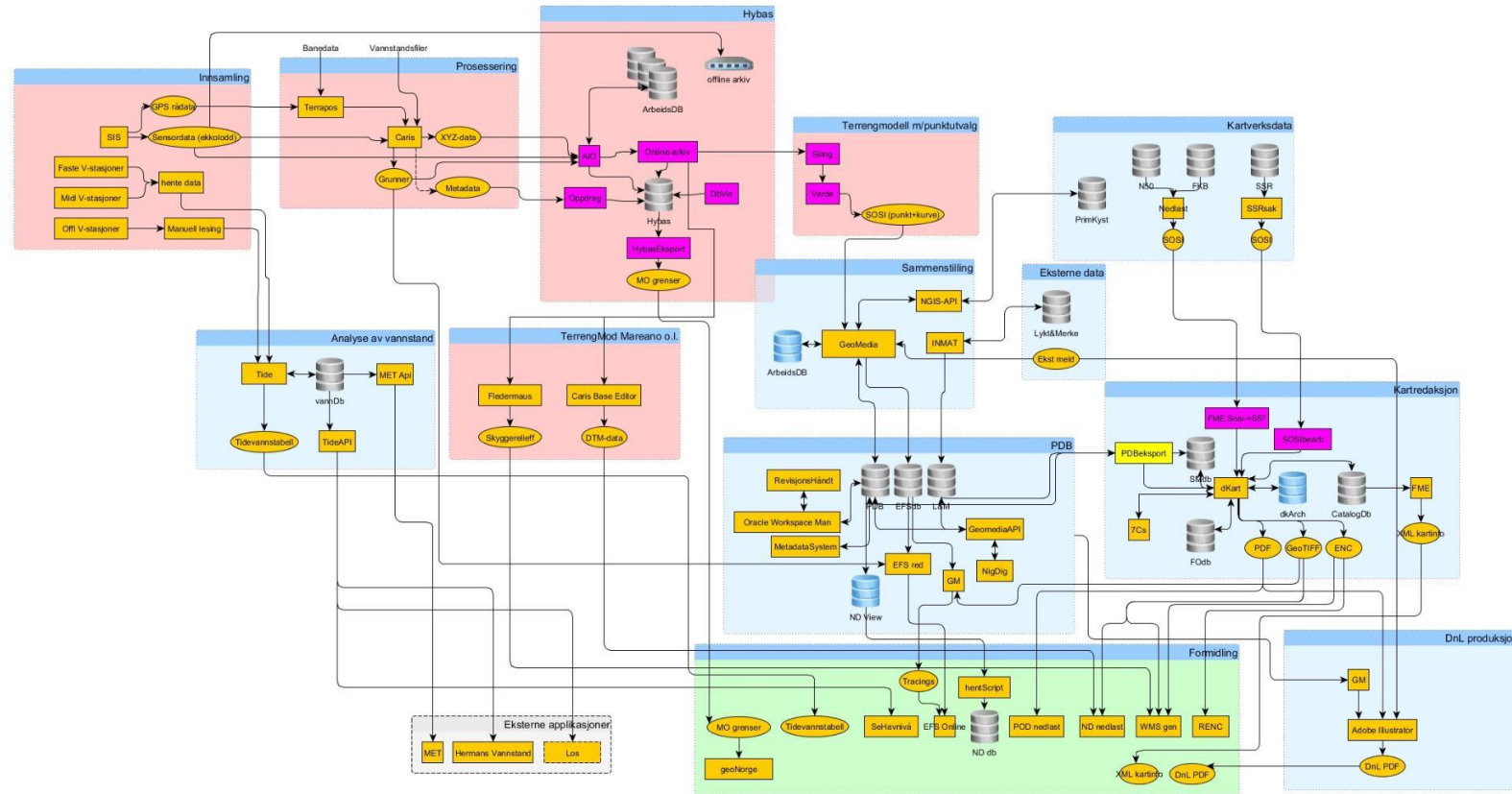


Kartverket

New Hydrographic Infrastructure



The challenge



New Hydrographic Infrastructure

There is a need to modernise the NHS's production line

- Automate processes and increase throughput
- Improve quality and security, system operations and maintenance
- Clarify roles and responsibilities
- Prepare for new products and services, meet new user needs
- Facilitate data availability through self-service solutions
- Adapt to new ways of data collection, positioning, new reference frameworks, and dynamic data

NHI2019 Feasibility study: Reducing risk in the development of a new infrastructure

- Agree on the main processes
- Learn from others, study available technologies and alternative solutions
- Consider co-operating with other organisations
- Agree on the future infrastructure, and propose a comprehensive transition plan
- Initiate the first implementation step (2020)

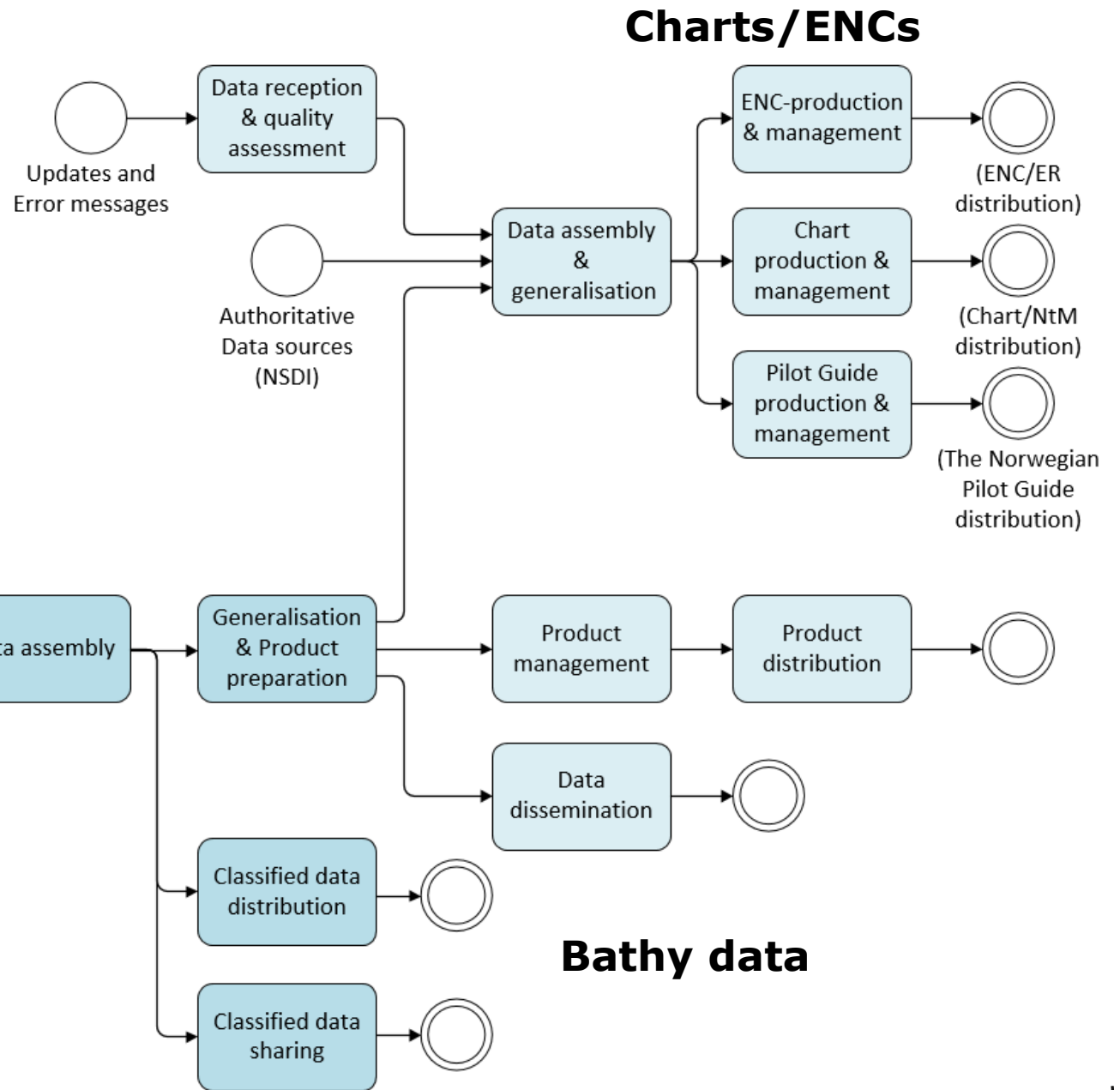
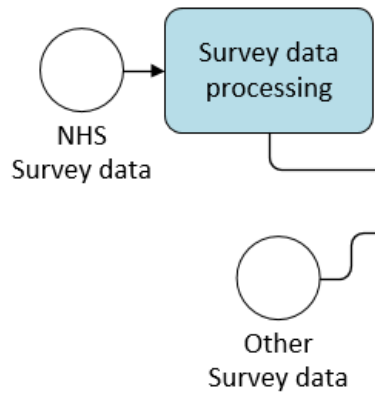
Project team involving all parts of NHS's production department, plus IT

Deliverables

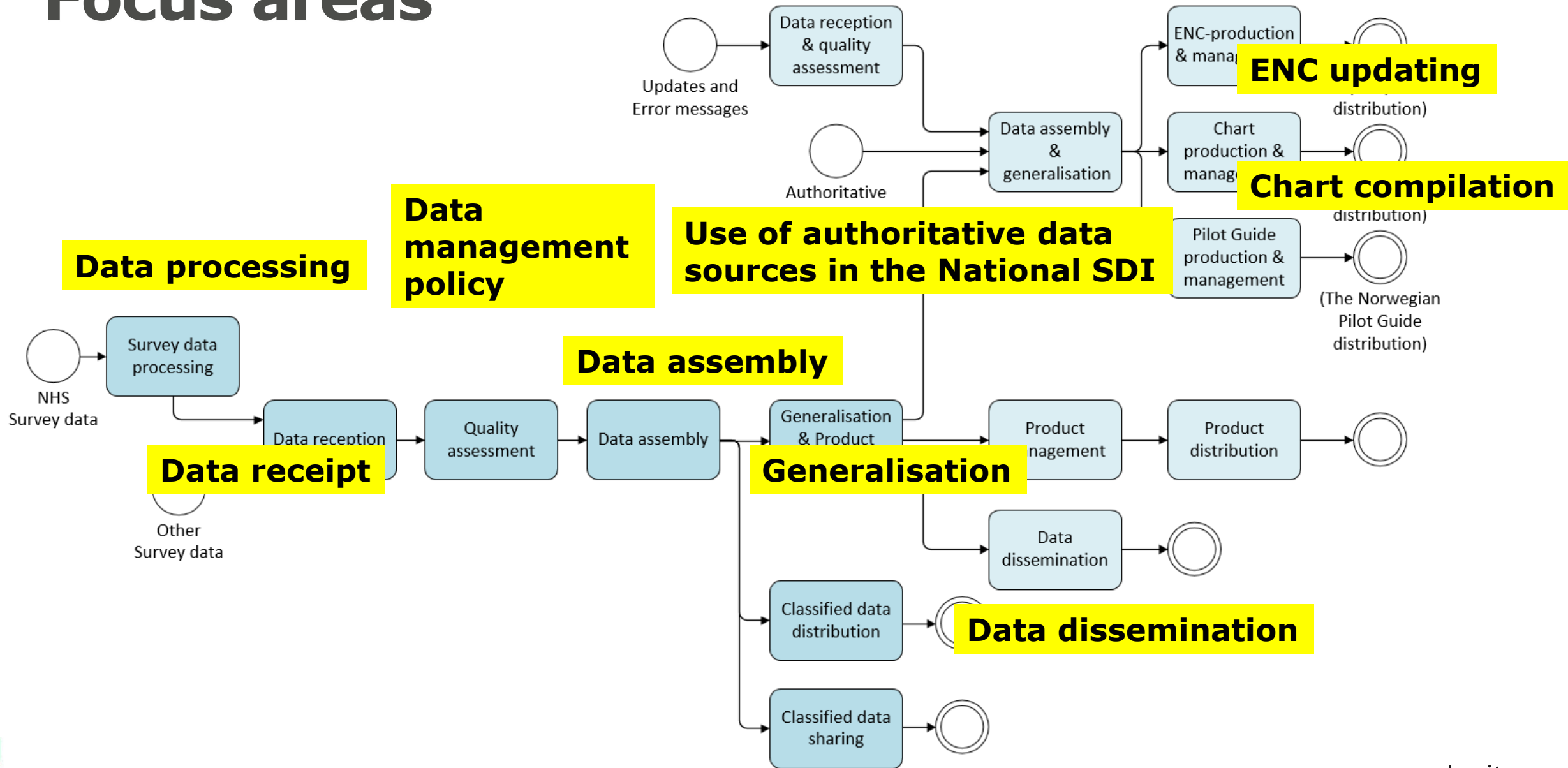
- High level description of the future business process, based on documented user needs
- Restrictions, limitations and guidelines
- Technical solutions (alternatives)
- Description of the New Hydrographic Infrastructure
- Organisation, collaboration
- Plan proposal, 1st implementation phase

Process overview

Surveying

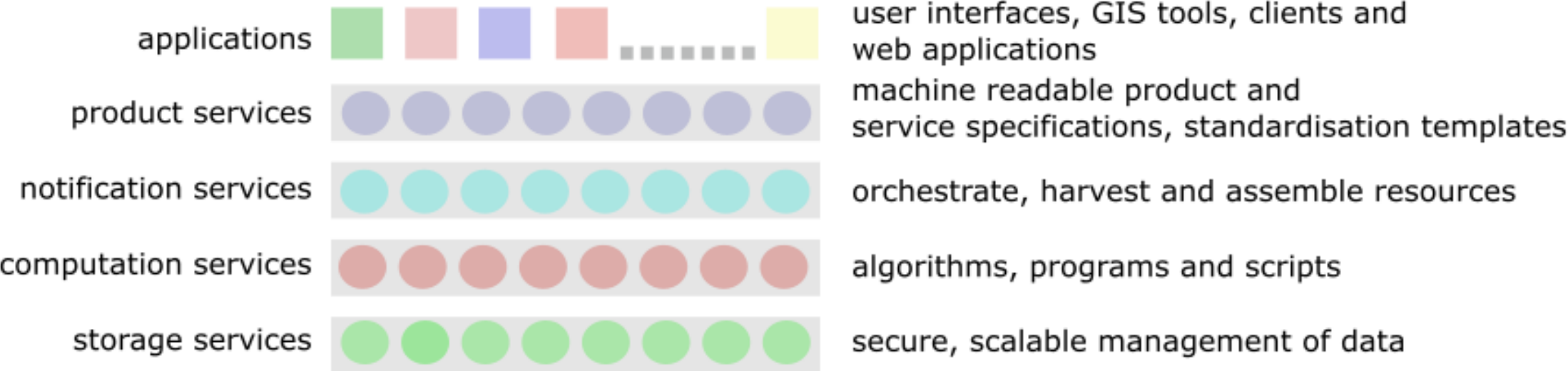


Focus areas

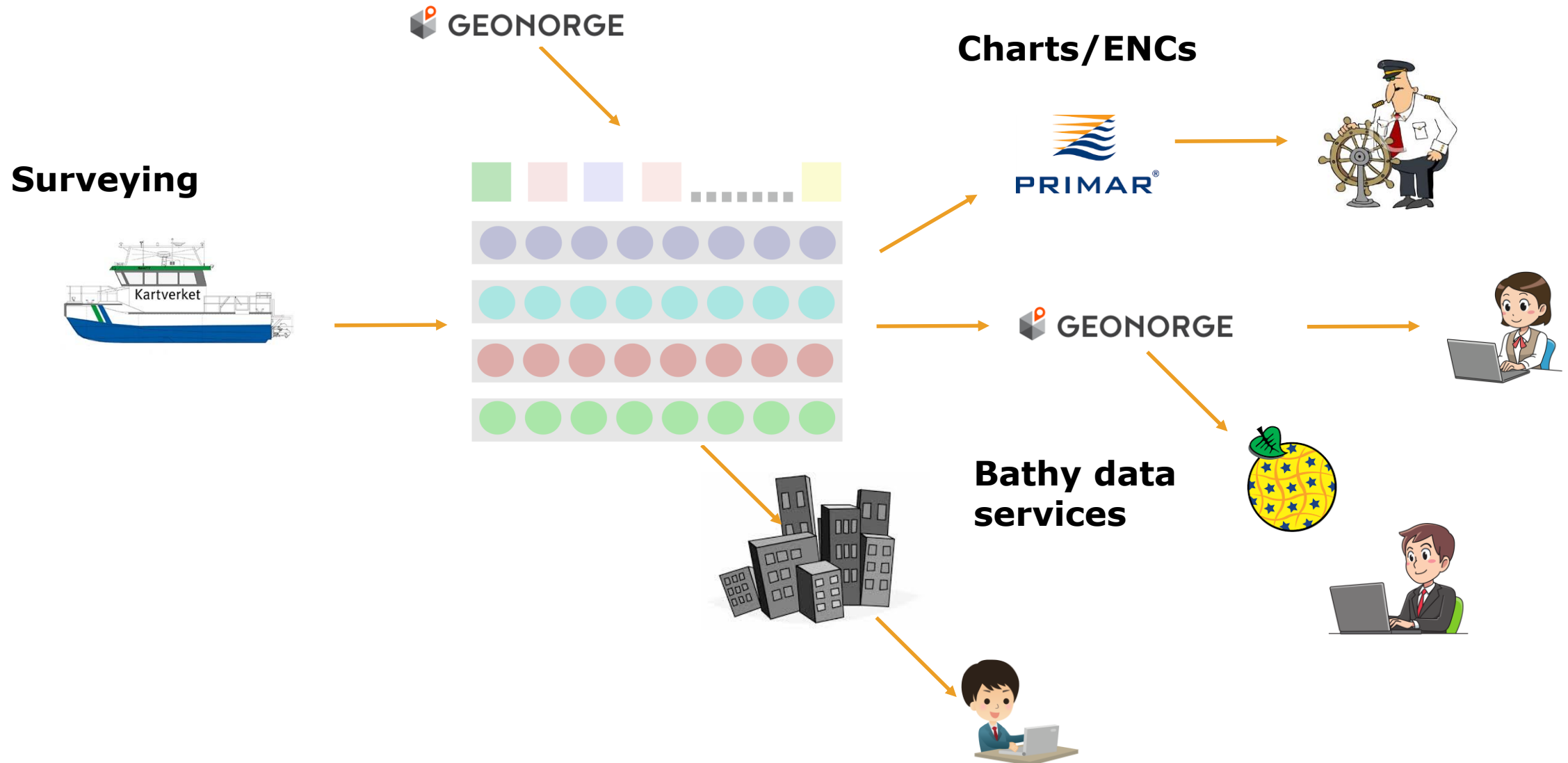


New Hydrographic Infrastructure

Common hydrographic data platform



New Hydrographic Infrastructure



Tentative implementation schedule

	2019		2020		2021		2022	
Management of hydrographic data								
Startup		■						
Phased development/implementation			■	■	■	■	■	■
Data migration					■	■	■	■
Authoritative data								
Facilitate the use of data from the SDI		■	■	■	■	■	■	