

Coastal Monitoring

MarinERA

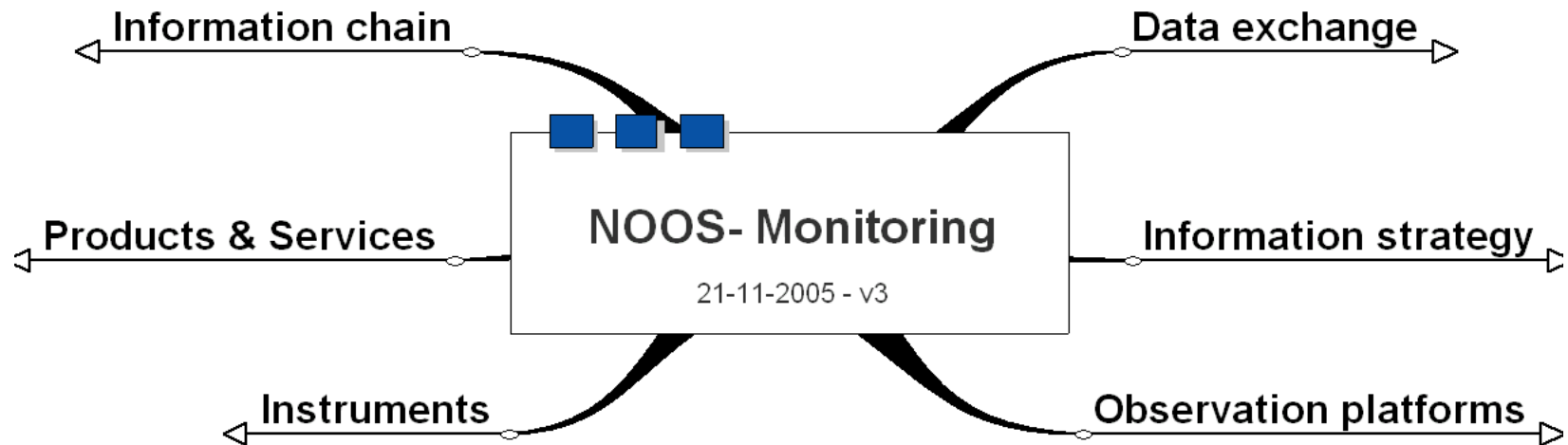
Matrix

Technology	Features	Actual Status (RTD, Access, Networking)	Function	Type of operation (coastal/high seas)	Gaps, barriers	Needs towards an improved implementation	Foreseeable evolution and future opportunities	Interactions	?
	<i>Instrumentation 1 in operation (e.g guilders)</i>								
	<i>Instrumentation 2</i>								
	<i>Instrumentation 3</i>								
	<i>Instrumentation n</i>								
	<i>Emerging technology 1 (RTD)</i>								
	<i>Emerging technology 2</i>								
	<i>Emerging technology 3</i>								
	<i>Emerging technology n</i>								

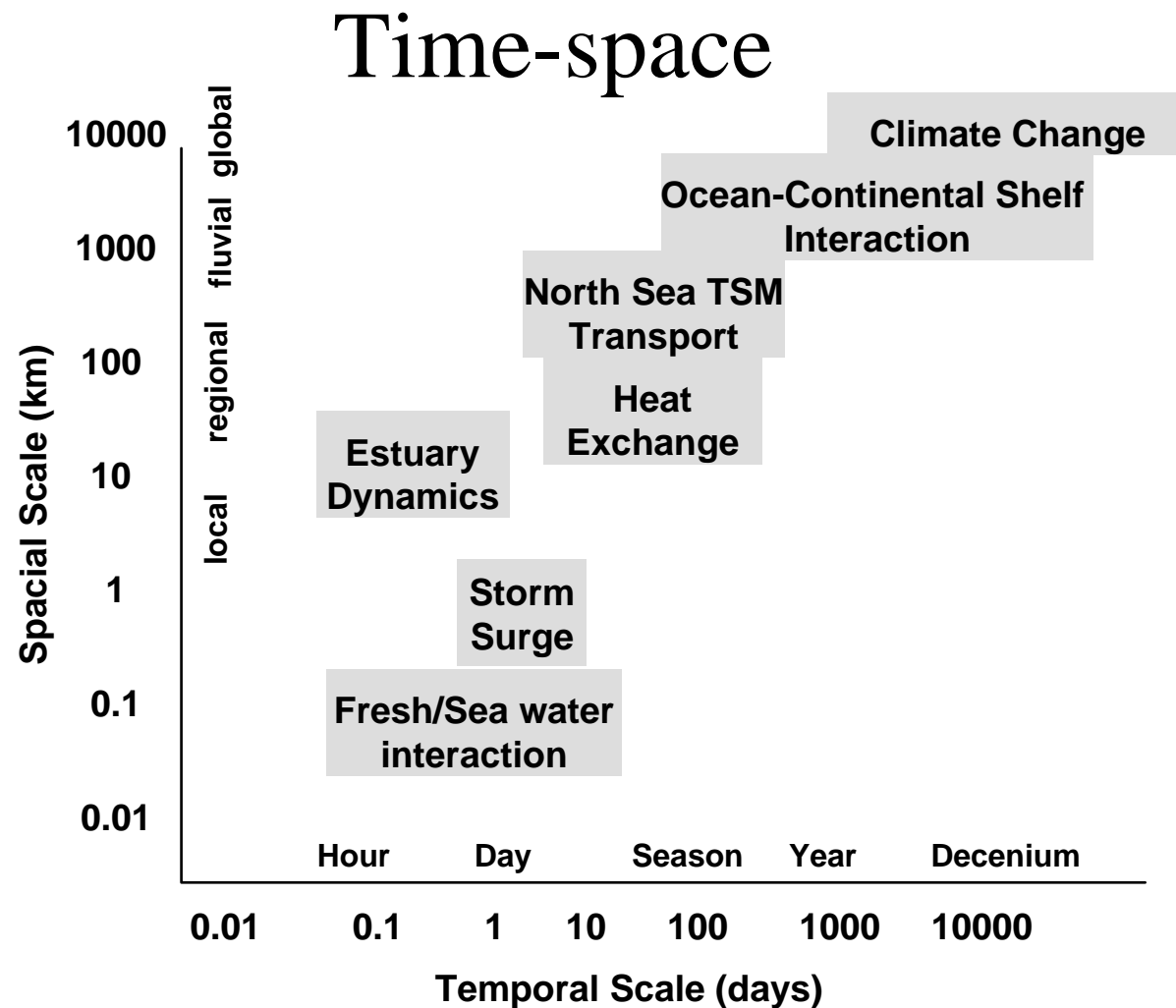
Expected results from this matrix:

- To establish technical priorities according to the needs and challenges associated to coastal oceanography
- Feasibility, time frame,?
- Models as interpolation of measures Vs Measures validated by models

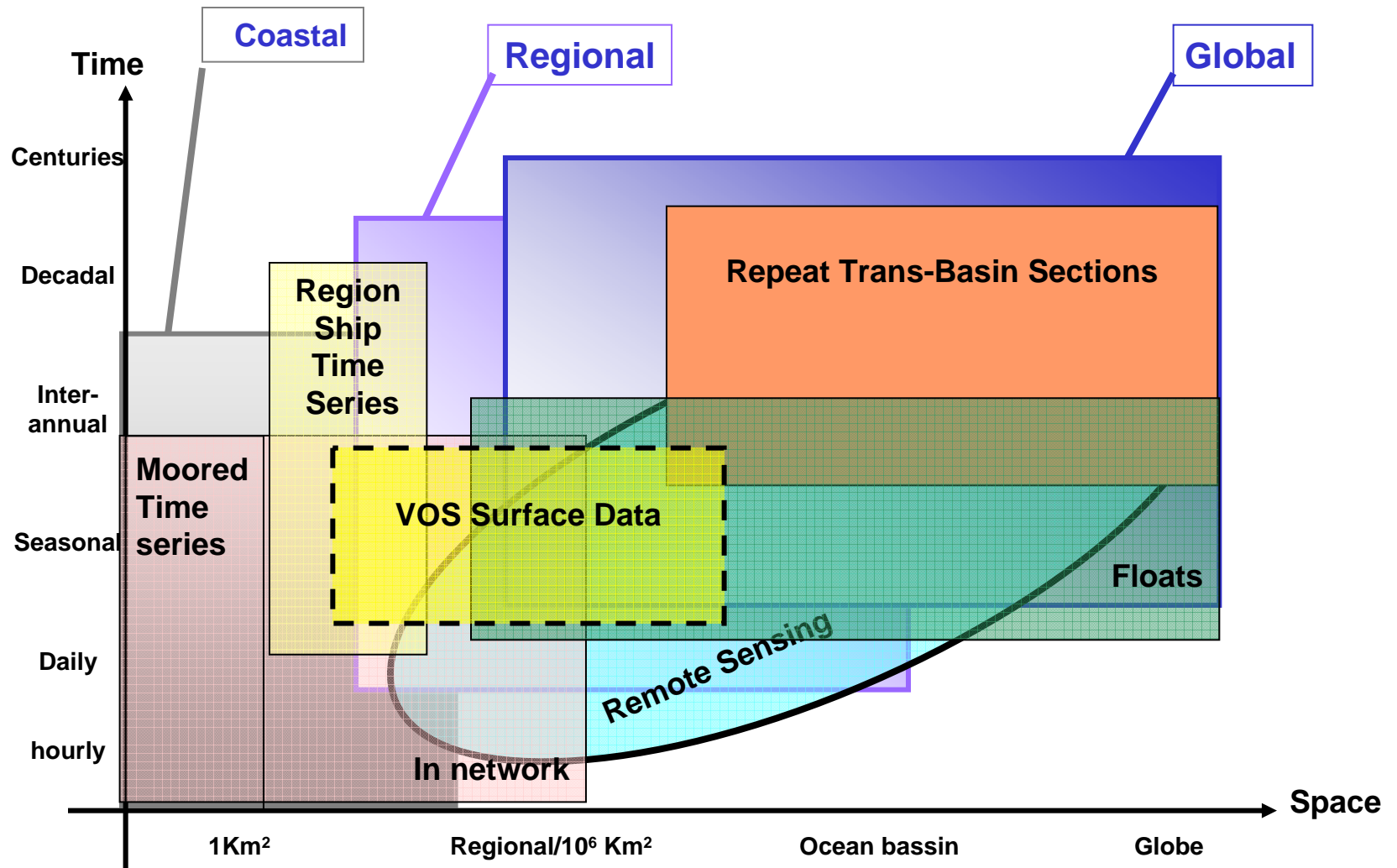
Coastal- Monitoring



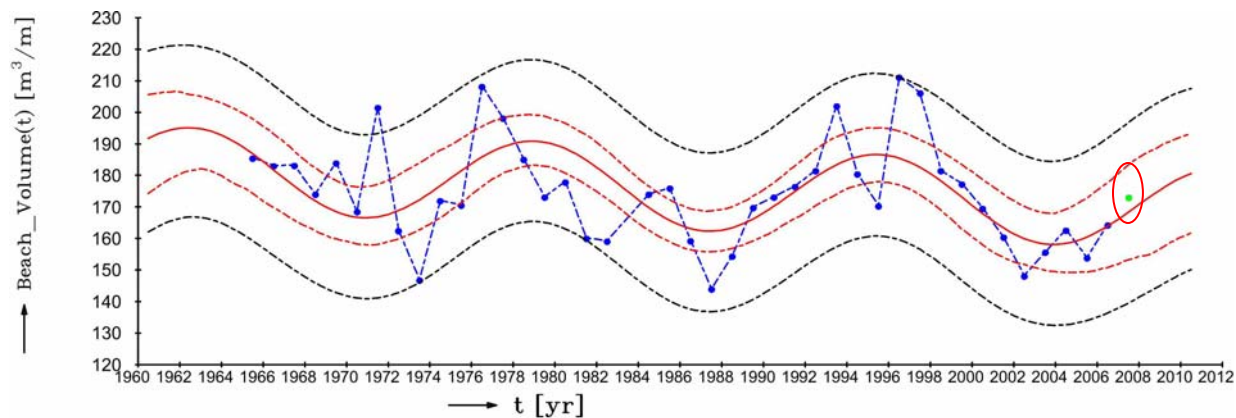
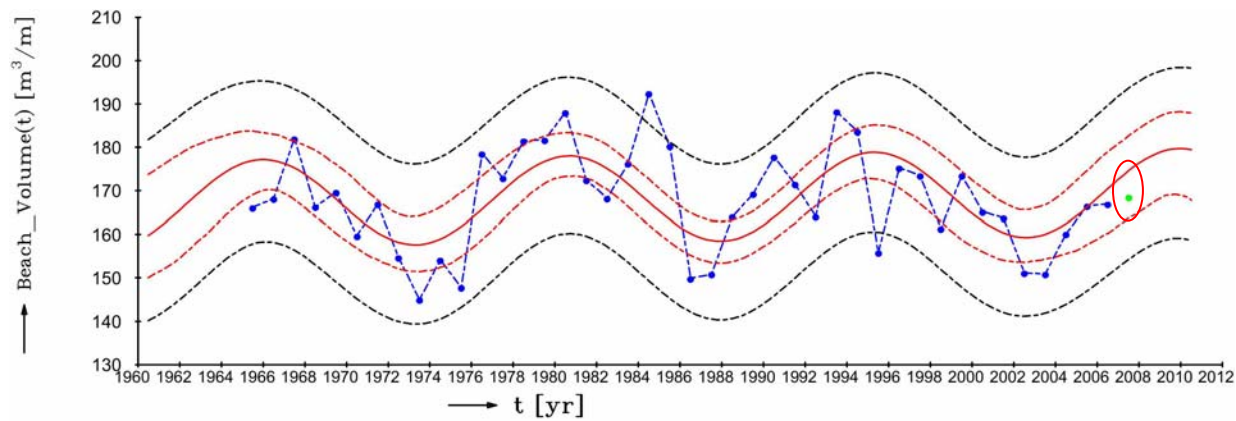
North Sea System Dynamics



Which System for which need to measure these data?



Beach Morphology

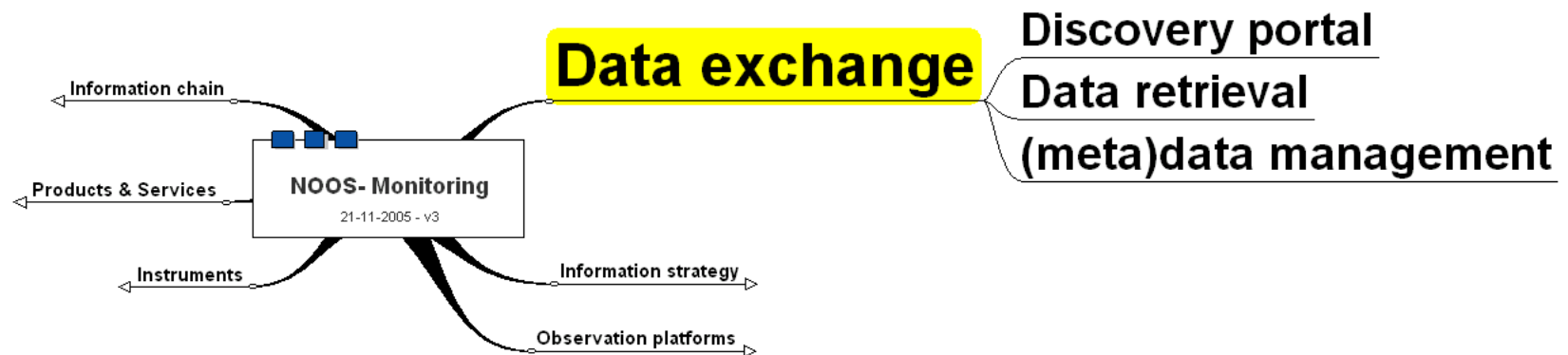


- Ecobeach proefvak
- km 40-43

• JARKUS-meting mei 07

• referentievak

Data exchange



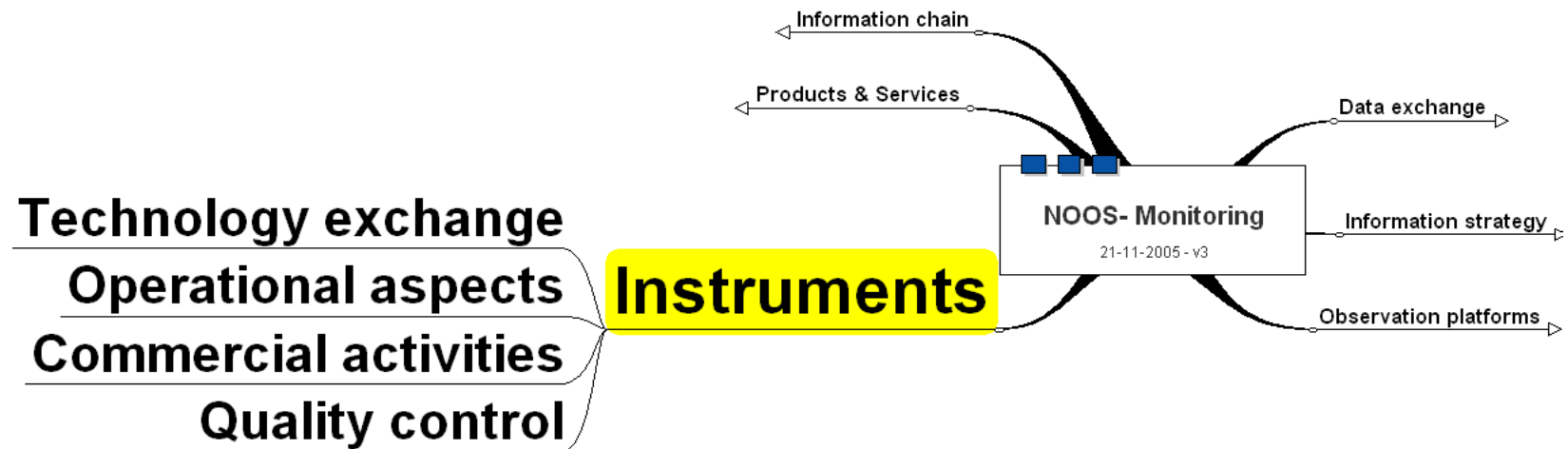
Information strategy



Observation platforms



Instruments



Products & Services



Information chain

