



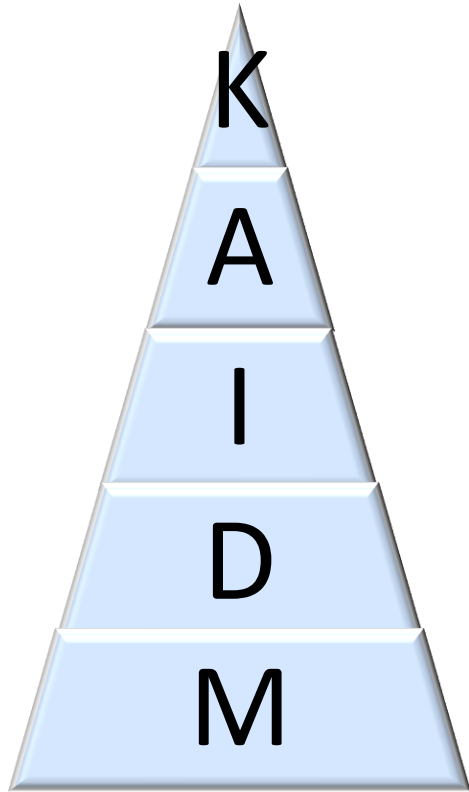
info-RAC

**UNITED NATIONS ENVIRONMENT PROGRAMME
MEDITERRANEAN ACTION PLAN**

Meeting of EcAp CORMON on Biodiversity and Fisheries
Madrid, 28th February – 1st March 2017

Monitoring data management and reporting
Progress and development of InfoMAP platform

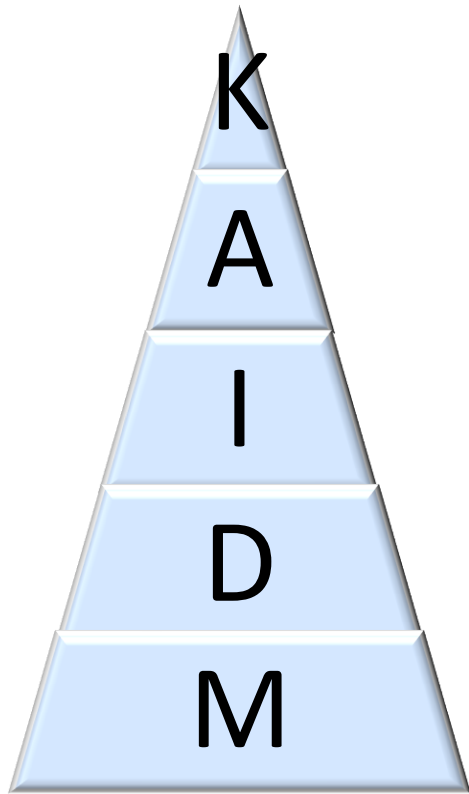
Types of Data and workflow



- Knowledge: QSR, measures to be adopted
- Assessment: threshold values, good or not good, spatial and temporal scales
- Indicator: implementation rules, aggregation and elaboration of data, index specification, representation of outputs
- Data: monitoring data information standards (data dictionaries, formats, rules, constraints, relations)
- Monitoring: methodologies, protocols, planning strategies, ...

Monitoring – Data – Information – Assessment - Knowledge

State of play



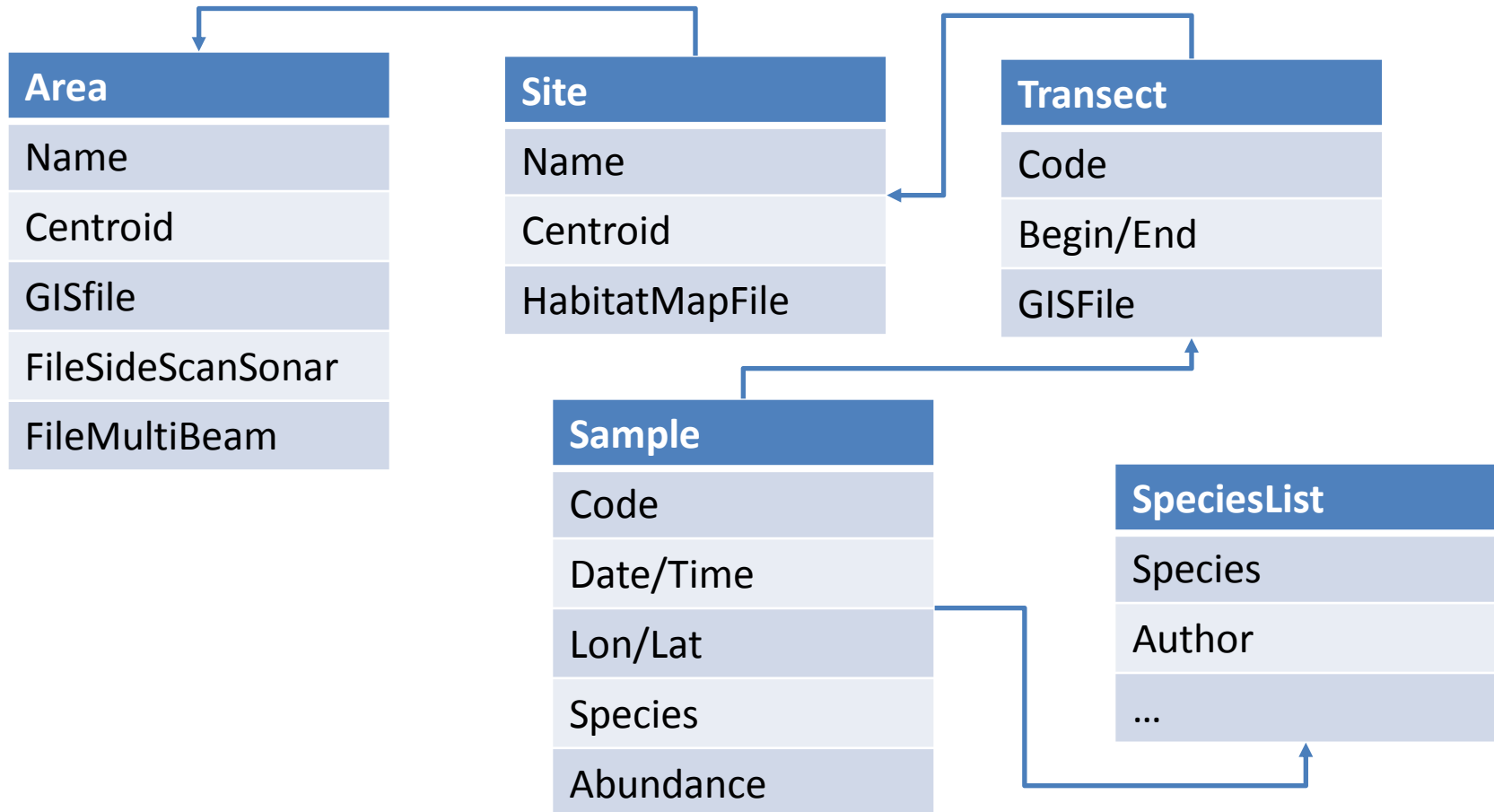
- Starting point: indicator selection and specification (fact sheet)
- Monitoring: programmes implemented by CPs to provide data for indicators
- Data: define information standards
- Indicator: define and implement aggregation and elaboration rules
- Assessment and Knowledge: QSR on-going, assessment rules to be discussed

Monitoring – Data – Information – Assessment - Knowledge

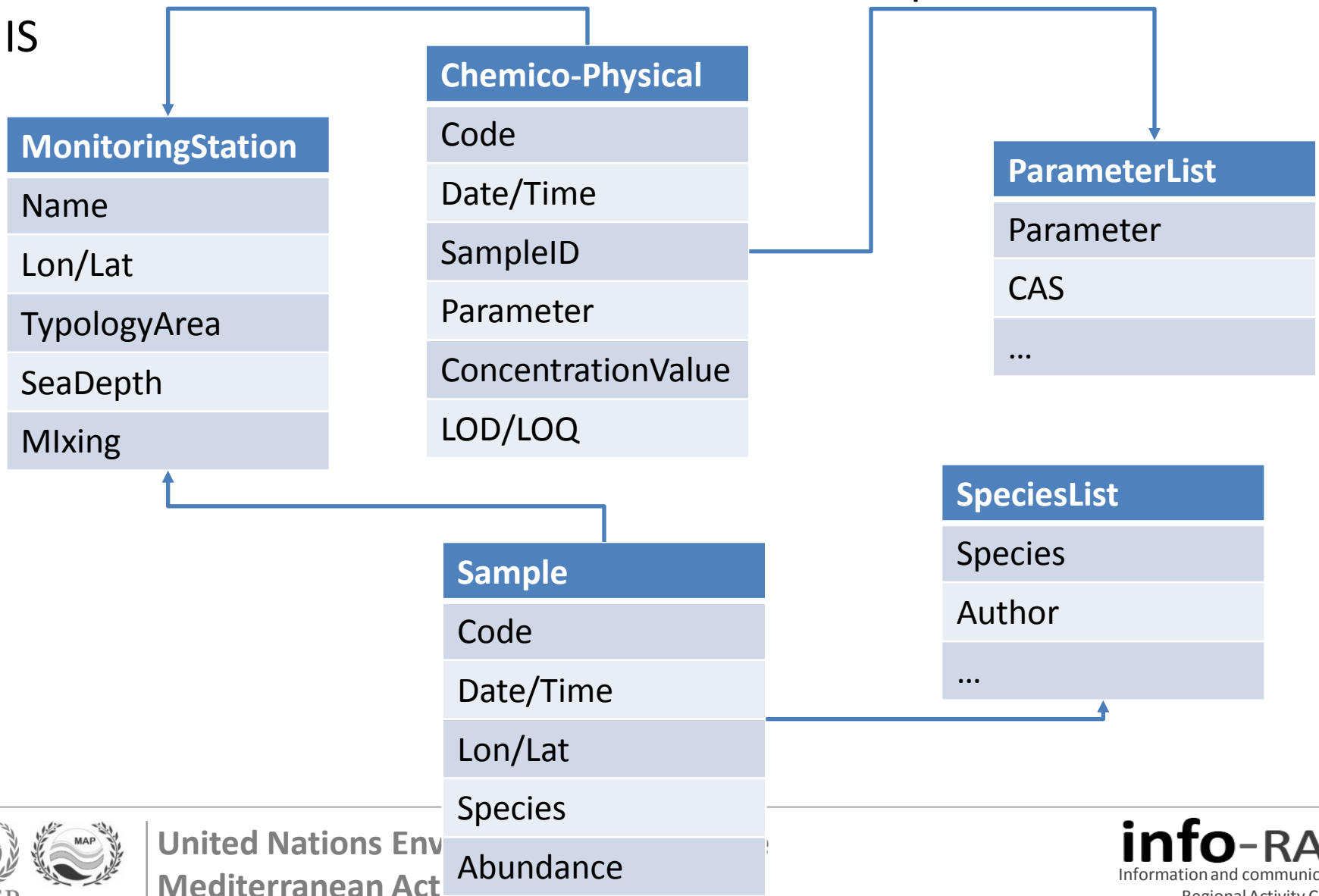
Data: define information standards

- **First proposal from INFO-RAC for some monitoring data, comparison with other RACs and CPs strongly needed.** Work is on-going.
- **Information standards available on INFO-MAP for the CPs**
- **Services on INFO-MAP for the collection of monitoring data compliant with information standards**
 - DB tools
 - Web services
 - Excel files
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- **Indicators implementation:** aggregation, index calculation, representation
- **Assessment:** TBA

Information standards on EO1: example for Habitat distributional range



Information standards on EO2: Abundance/Temporal occurrence of NIS



Main features of the Data Centre (end of 2017)

- INFO/RAC LDAP users/groups integration
- **Information standards catalogue** (Data Dictionary)
- QA/QC on monitoring data based on information standards
- Automatic/manual data validation
- Automatic data upload from web forms
- Data mapping web tool (e.g.: it will be possible to graphically map an excel file into an agreed XML schema)
- Web forms generator



Thank You

