23-24 September 2019, Athens, Greece

H2020 knowledge base : Regional infrastructure and tools

10th meeting of the Horizon 2020 Review and Monitoring (RM) Group and Assessment workshop

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NCE2: Water and Marine

ICT and Data Management (ENI) Officer

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Setting up H2020 data flow

- Nomination of data reporter
- Structuring regional information system
- Developing data reporting tools
- Capacity building activities
- Data policy

Governance at country level for data reporting

Country (national team / ENI SEIS NFPs) nominates

Data managers (ENI SEIS Nfp)

Data reporters

Distribution of model for nomination
Distribution of roles and responsibilities guidelines
Creation of a users list (credentials) and rights for the use of the reporting tools at national level

Country	Name	Email	Role
Algeria	Not nominated	-	Not indicated
Egypt	Not nominated	-	Not indicated
Israel	Moshe Yanai	yanaim@cbs.gov.il	Data Focal Point and Reporter
	Orna Matzner	orna@svivs/gov.il	Data Focal Point
	Ilan Malister	ilanm@sviva.gov.il	Data Reporter
	Daniel Madar	danielm@sp-interface.com	Data Reporter
Jordan	ENAS Mohammad Alarabyat	enasjo@dos.gov.jo	Data Reporter
Lebanon	Not nominated	-	Not indicated
Lybia	Mohamed Hamouda	mshamouda@yahoo.com	Not indicated
Morocco	Saida Bourous	bourousaida1960@gmail.com	Data Reporter
	Khalid El Ouardi	elouardikhalid@gmail.com	Data Reporter
Palestine	Aisar Tomi	Atumeh@pcbs.gov.ps	Data Focal Point
Tunisia	INFORAC nfp	-	Not indicated
Bosnia Herzegovina	Senida Džajić-Rghei	senida.dzajic-rghei@heis.ba	Data Reporter
	Sabina Hadžiahmetović	sabina.hadziahmetovic@heis.ba	Data Reviewer
Montenegro	Vesna Novakovic	vesna.novakovic@epa.org.me	Data Reporter
	Danilo Kujovic	danilo.kujovic@epa.org.me	Data Reporter
	Ivana Mitrovic	ivana.mitrovic@epa.org.me	Data Validator
	Ivana Stojanovic	ivana.stojanovic@mrt.gov.me	Data Validator

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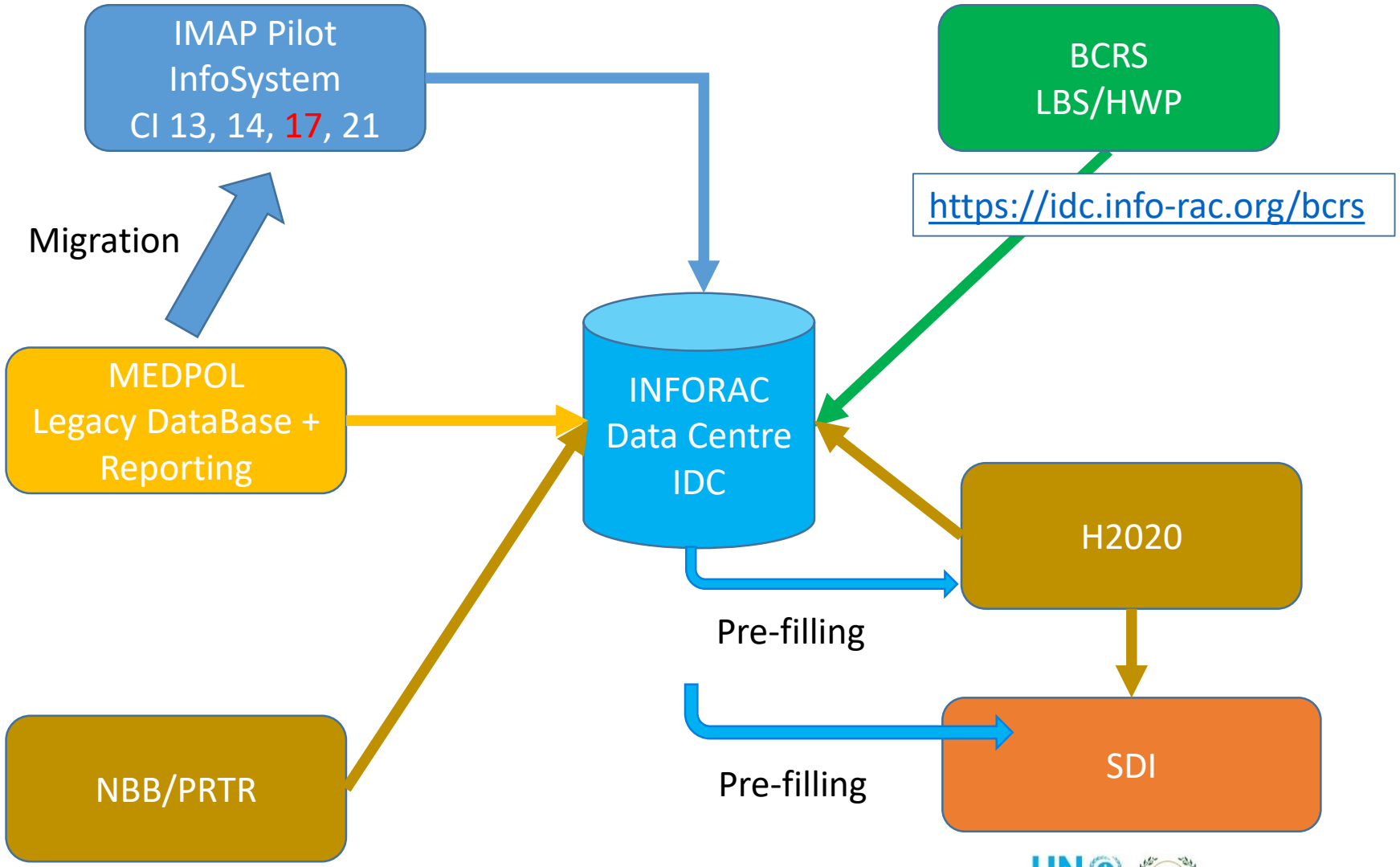
INFO MAP Regional infrastructure and H2020 data flows



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Mediterranean Regional Infrastructure – structuring multiple dataflows

- InfoMAP align with European platform REPORTNET - Similar architecture (ROD, Country folders, Envelopes)
- In REPORTNET one access point via Mediterranean Data Repository (MDR)
- Open sources technologies, respectful of international standards (ISO) and INSPIRE compliant (SDI)
- Convergence Marine Strategy Framework Directive (MSFD) and EcAP/IMAP process
- Upcoming : integration between IMAP pilot and EU WISE Marine

INFOMAP reporting system

- **INFO/RAC Data Centre (IDC)**
- **IMAP pilot + other modules**
- **GeoNodeSDI** for spatial data update, possibility to use protocols of data exchanges such as xml, web services for remote connections
- Development of **Mediterranean catalogue of metadata**

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Reporting tools

- Data standards (structure - variables)
- Data dictionaries (codification) based on the indicators factsheets (methodology) developed by thematic experts
- Data reporting
  - Use of templates « spreadsheets » for H2020 data (excel files processed by an automatic procedure)
  - Distribution of “Geotemplates” or shapefiles (coastline, administrative units, hydrological basins, coastal cities, etc.) for spatial data
  - Automation of reporting under preparation including prefilling (webforms)
- Quality checks/quality controls
  - Manual quality controls checks (spreadsheets) to ensure consistency and comparability of the data
  - Fully automated with webforms
- Continuous improvements of the tools (several revision of standards

- Development of one tool for monitoring the reporting activities by regional or at national

Demo

- ENI SEIS Project Website (access standards and definitions for H2020 indicators) link1 link2
- Mediterranean Data repository (access countries submissions) link
- INFORAC DATA CENTRE (IDC) link (view/download envelopes content)
- GeoNodeSDI (update spatial data and metadata)
- H2020 Dashboard (monitoring data flows) link
- Data viewer (tool for assessment) link
- WISE MARINE Regional Sea Convention (integration with European data flows) link

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Demo

- ENI SEIS Project We
definitions for H202
- Mediterranean Data
countries submissio
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- Data viewer (tool fo
- WISE MARINE Regio
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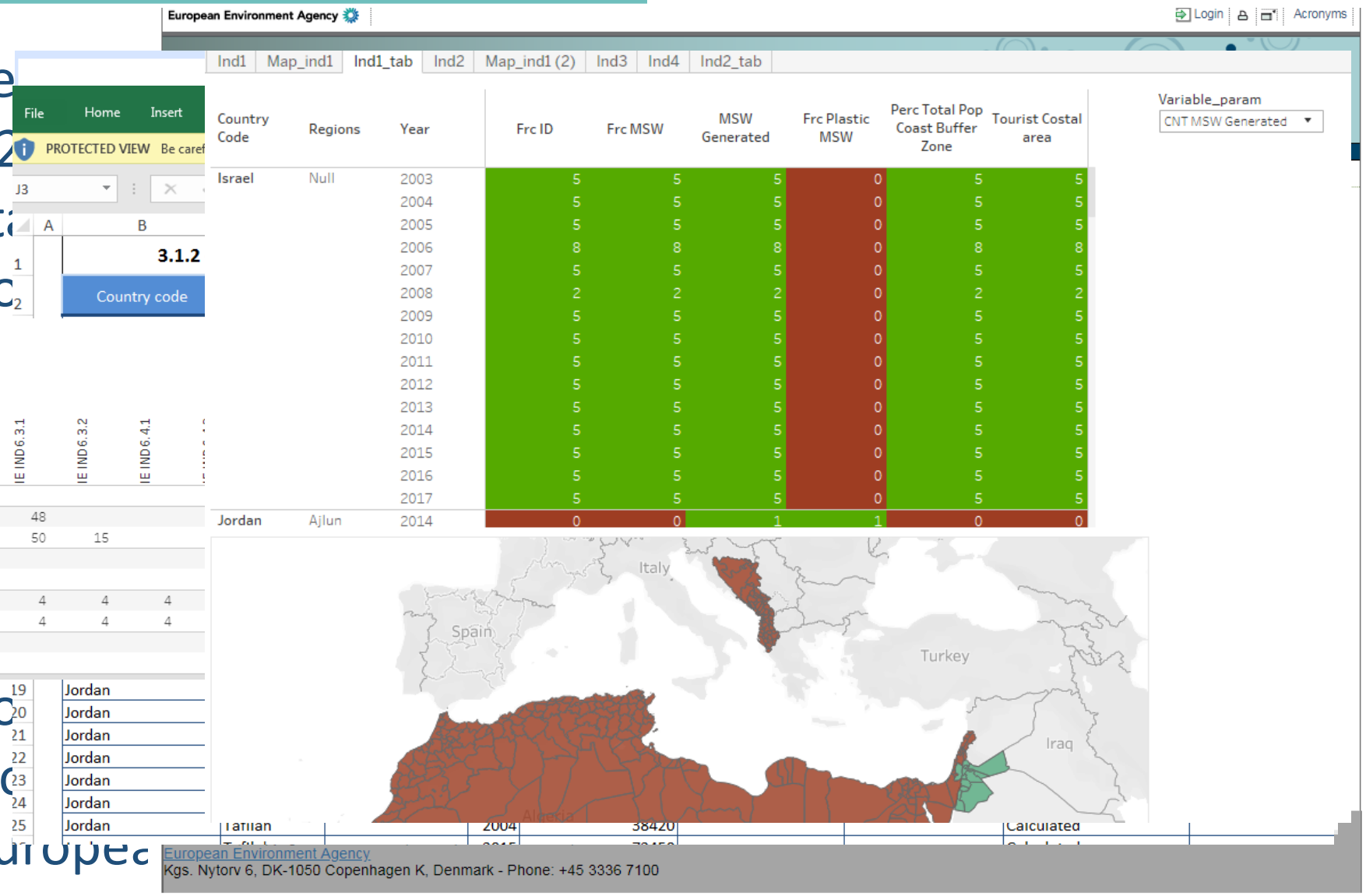

Capacity building

- Delays in the reporting process: 1st data call in December 2018 as of today only 3 ENI countries have reported + 2 Balkans countries.
- Need to reinforce the institutional and technical countries capacity to organise data flow and reporting
- Technical assistance in the countries for data reporting
- Support countries on using the GeoNodeSDI following 3 options:
    - Ensuring interoperability of the systems (national/regional) via xml protocols for automatic data exchanges
    - Customisation/Installation of SDI instance at country level to be federated with national other SDIs
    - Access to reserved workspace in the regional platform for uploading/editing and storing spatial data
- Continuous remote technical support
    - Webinars
        - 1st webinar on infrastructure (Regional)
        - Webinar on SDI (Tunisia)
    - Helpdesk in continuous

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Data policy

- Support the proposition of a data policy to put in place SEIS principles in the region (access, share, use of data, etc.)
- Taking inspiration from the EEA data Policy adopted on the 20th of March 2013 and updated on the 22nd of February 2018
- Based on licences of uses (data sets and users) according to the « Creative Commons » system
- Approach of data management covering the full chain from the access to the reuse of data and covering also the metadata aspects
- Oriented towards the CC-BY licence type, except for sensible data that require specific instructions/agreement from the countries
- Analysis case by case following a granularity system for data sets and user type

Ressources

- Continuous development of the ENI SEIS II SOUTH Project Website

  https://eni-seis.eionet.europa.eu/south

  - Working areas and country pages development (facts and figures)

  https://eni-seis.eionet.europa.eu/south/countries/algeria

  - Online documentation regarding specifications, guidelines, etc.

  https://eni-seis.eionet.europa.eu/south/areas-of-work/data-management-and-infrastructure

  - Online registration system and access to news, events including information material (presentation, minutes, recordings, etc.)

  https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/country-visit-to-tunsia-seis-national-workshop

- Newsletter

  - 5 newsletter already published in 3 languages (Arabic, French and English)

  https://eni-seis.eionet.europa.eu/south/communication

Thank you for your attention!

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