Objective 1: integration and sustainability

WP3/*NA2*: Community engagement

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WP Partners: CNRS-IPSL, KNMI, UKRI, CERFACS, WENR, CMCC, DKRZ, SMHI, NCSR-D, UREAD-NCAS, DLR, BSC, FPUB, CUNI, UC (86 PM)

DoW: pages 38-41

WP Objectives: ensure the infrastructure we develop is useful !

- **Main Objectives**
    - Widen the IS-ENES user community (new science, industry, societal users)
    - Nurture the existing ENES users/stakeholders community
    - Expand community standards

- **Specific Objectives**
    - Organise a two-way dialog between IS-ENES and its users (VIA, Copernicus, climate services) via workshops, training, etc.
    - Organise exchange on standards
    - Collect user feedback and requirements -> provide synthesis of technical and services requirements for project

WP Tasks

Task 1: Widening the user base for science and societal innovation

KNMI (4 PM), WENR (3 PM), SMHI (3 PM), CERFACS (2 PM), FPUB (6 PM), CUNI (3 PM), Total 21 PM

- Short events and webinars (VIA, climate services), demo of C4I portal
- special workshop in Eastern Europe on Climate indices requirements

Task 2: Training and resources: nurturing the community

WENR (3 PM), KNMI (2 PM), CERFACS (2 PM), CMCC (1 PM), DKRZ (5 PM), NCSR-D (3 PM) CUNI (3 PM), SMHI (2 PM) Total 21 PM

- Schools on the interface between climate and impact models
- School on Climate Data Science
- ENES portal

WP Tasks

Task 3: Community standards

UKRI (2 PM), KNMI (3 PM), CNRS-IPSL (6 PM), DLR (4 PM), DKRZ (1 PM), UREAD-NCAS (2 PM), UC (2PM), CERFACS (1 PM), Total 21 PM

- Task 3.1 Advancing existing community standards via workshops (Vocabularies and standards for CMIP, data standards for climate indices, CF)
- Task 3.2: New standard on scientific provenance of model evaluation

Task 4: User feedback and requirements

KNMI (2 PM), CNRS-IPSL (8 PM), BSC (1 PM), UKRI (2 PM) CERFACS (1 PM), UREAD-NCAS (4 PM), DLR (1 PM), Total 19 PM with subcontracting

- Task 4.1: Project wide user requirements (data, models, tools)
- Task 4.2: Specific user requirements (model evaluation survey, CMIP documentation – ES-DOC)

WP First actions planned

- **Task 1**
  - Define contents, format and schedule of short events and webinars
- **Task 2**
  - Start planning school 1 on the interface between climate and impact models
  - Scope updates needed to ENES portal
- **Task 3**
  - T3.1: start planning workshop on CMIP data request and vocabs
  - T3.2: start work on standard interface for model evaluation (break out Friday)
- **Task 4**
  - T4.1: start organising project wide user requirements (Friday discussion)
  - T4.2: scoping of model evaluation survey (break out Friday)
  - T4.2: organise capture of ES-DOC end user requirements (ES-DOC team)

WP Issues to be addressed

- WP is cross-cutting throughout the project : organise communication
- Manage expectation of both developers and end users
- How to provide a useful synthesis of science and technical requirements

- Cf. discussion on Friday

Deliverables

Deliverables

D3.1 (Tasks 3.2, 4.2, mo 18): Initial requirements on model evaluation.
Report on science requirements on model evaluation and related architectural requirements for IS-ENES3 developments (CNRS-IPSL)

D3.2 (Task 2, mo 36): Synthesis on climate and impact and climate data schools.
Will contain the material used during the schools, the case study results, feedback and requirements of participants and recommendations for follow up (WENR)

D3.3 (Tasks 3.1, 3.2, mo 36): Standards synthesis.
Synthesis of the workshops on standards including recommendations. It will also include final report on scientific provenance for model evaluation (task 3.2) (UKRI)

D3.4 (Task 4.2, mo 36): CMIP documentation requirements.
Report on CMIP documentation user requirements for existing and future ES-DOC services and scope (UREAD-NCAS)

D3.5 (Task 1, mo 46): Synthesis on activities to broaden community.
Description of which user groups were reached and recommendations for future actions (KNMI)

D3.6 (Task 4.1, mo 46): Overview of user requirements, how these requirements were taken into account and recommendations for beyond the project (KNMI)

Milestones

Milestones

M3.1 (Task 4, mo 18): Report on user requirements.
Synthesis of the project wide science and technical requirements will be made, providing information to the other WPs (KNMI)

M3.2 (Task 2, mo 20): First school on climate and impacts.
Report on first school will contain the material used during the schools, the case study results, feedback and requirements of participants and recommendations for the second school (WENR)

M3.3 (Task 1, mo 24): Synthesis of first 5 short events to broaden community.
The report will contain a description of the events, feedback and requirements of participants and recommendations to increase their effectiveness (KNMI)
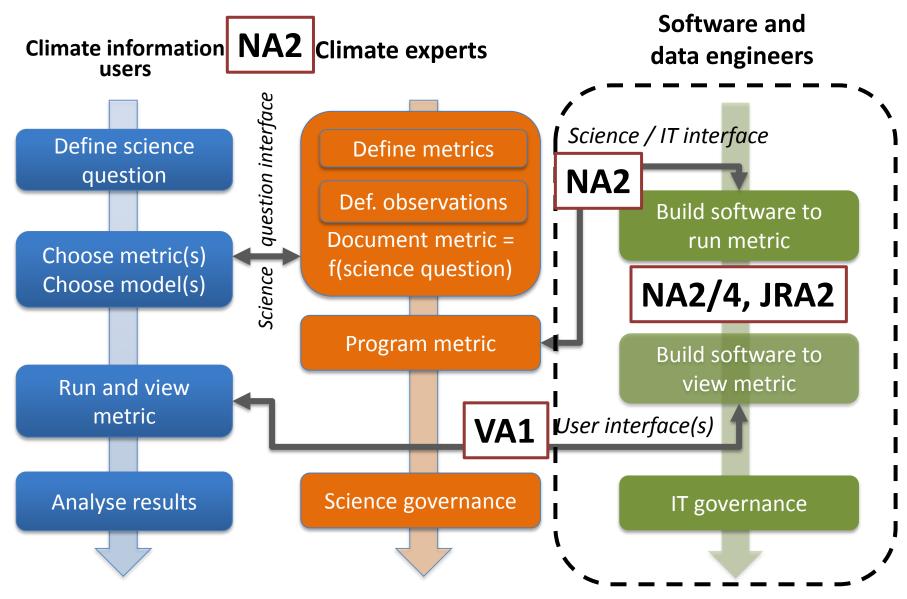
M3.4 (Task 3, mo 24): Summary of workshops on standards.
Synthesis of the workshops on standards including recommendations (UKRI)

M3.5 (Task 1, mo 26): Workshop on climate indices.
A report will describe the evaluation of existing indices, requirements for new ones from the various user groups and related technical requirements for the IS-ENES infrastructure (FPUB).

Model evaluation in IS-ENES3