

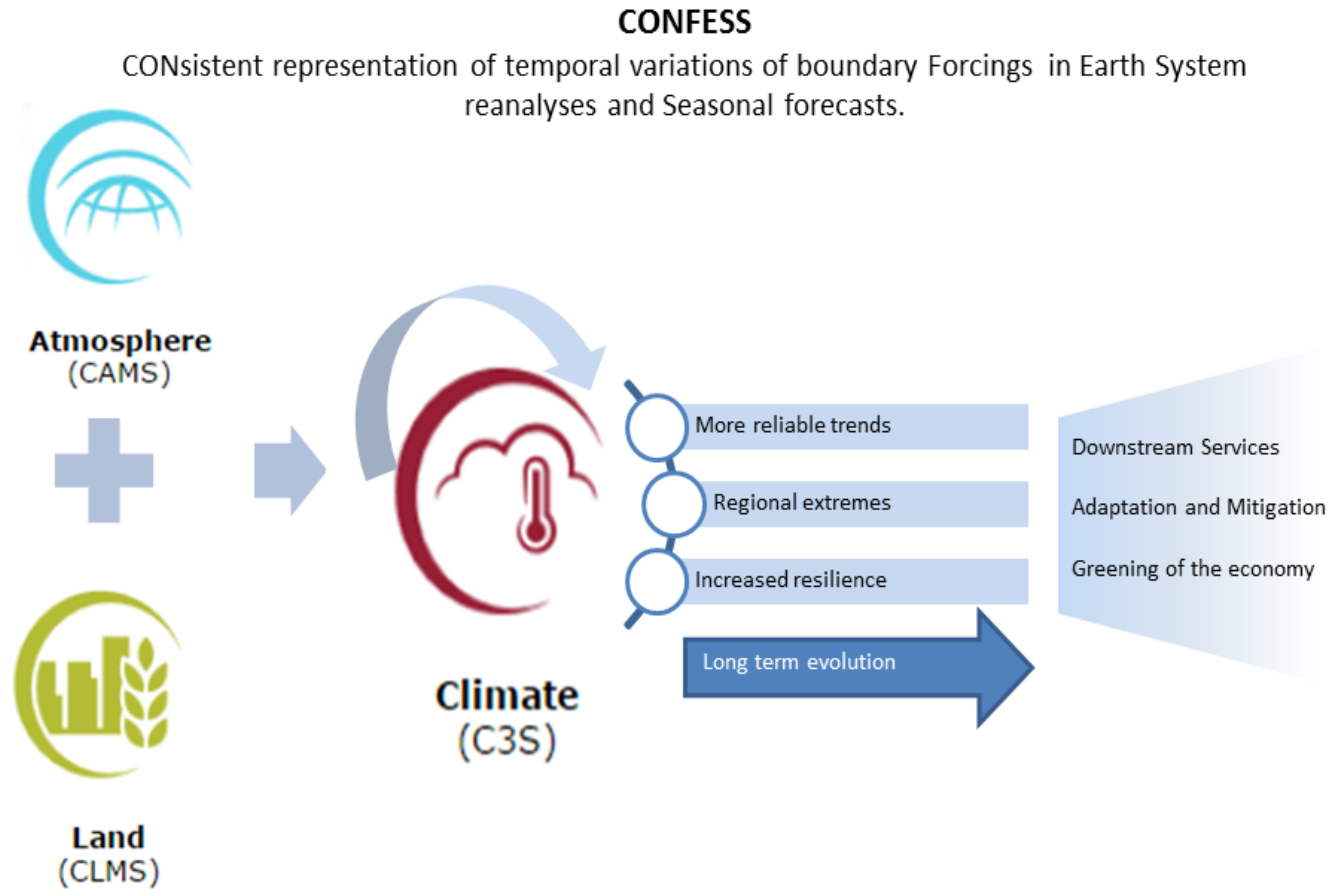


A RECAP

Kick-off Meeting: 3-4 November 2020

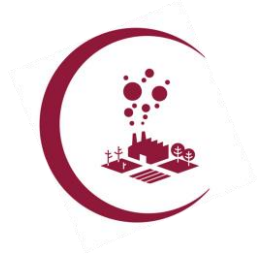


CONFESS aim

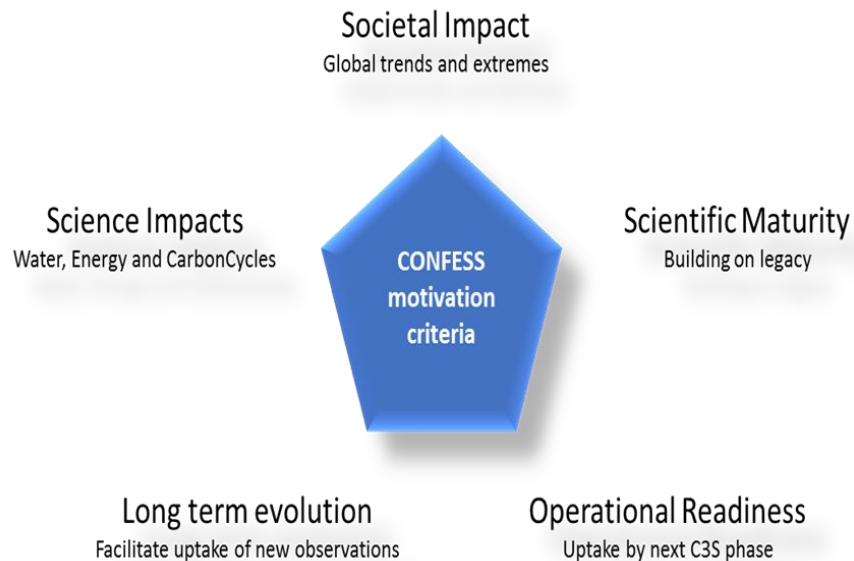


To improve the reliability and usability of C3S information by capitalizing on the synergies between Copernicus services, and pave the way for a continuous evolution of the services

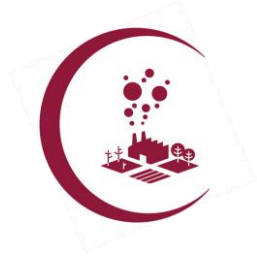
CONFESS will enhance the C3S Reanalysis and Seasonal Forecasts capabilities.



Strategic Objectives

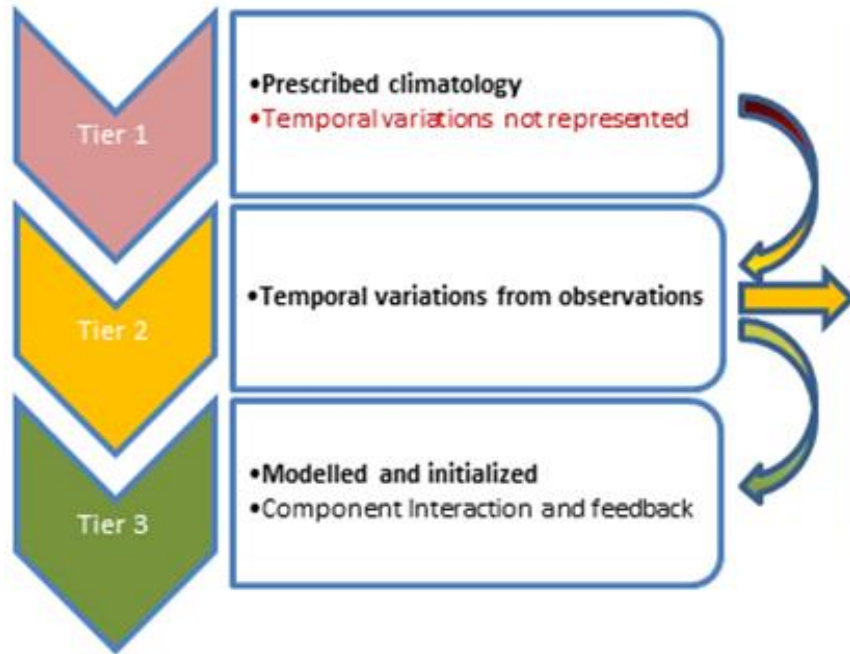


1. Representation, **for the first time**, of **temporal variations of land cover and vegetation** in C3S systems by exploiting state of the art Copernicus observational datasets
2. **Improved** temporal representation of **tropospheric aerosols by harmonization of CMIP6 and CAMS datasets.**
3. **Increased prognostic capabilities** by inclusion of prognostic vegetation and new capabilities for response to volcanic and biomass burning emissions.

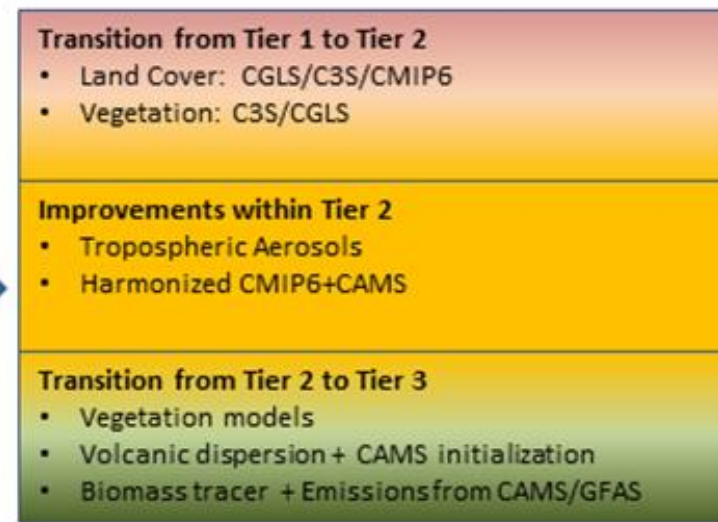


Adding new earth system component in a forecasting system

Hierarchical representation of an earth system component



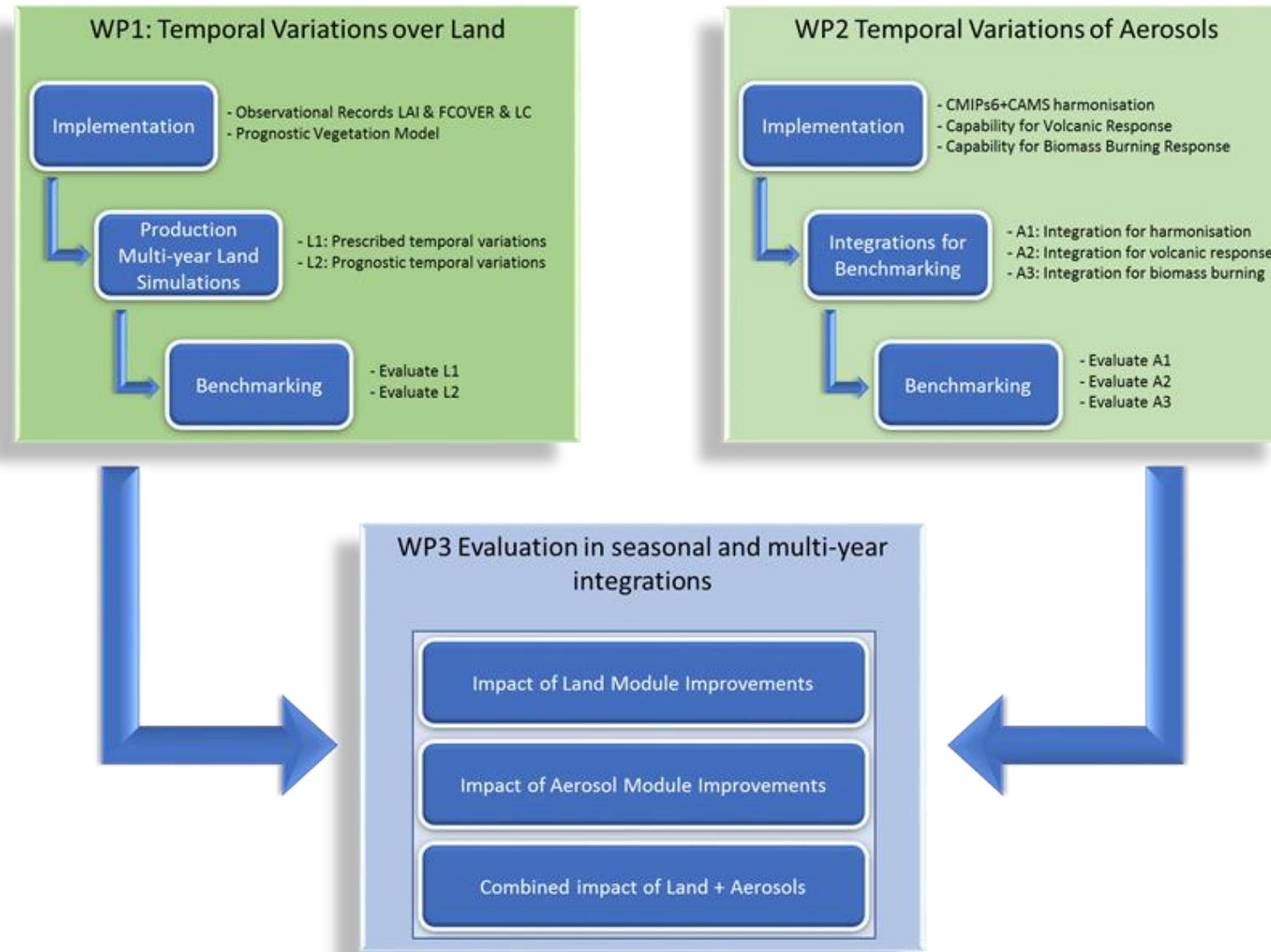
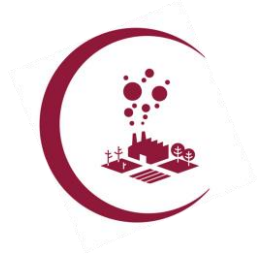
CONFESS Developments



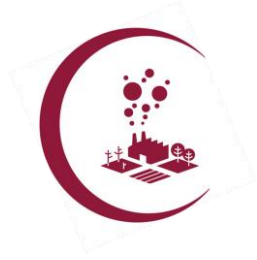
C3S evolution Reanalysis and Seasonal Forecasts



Methodology

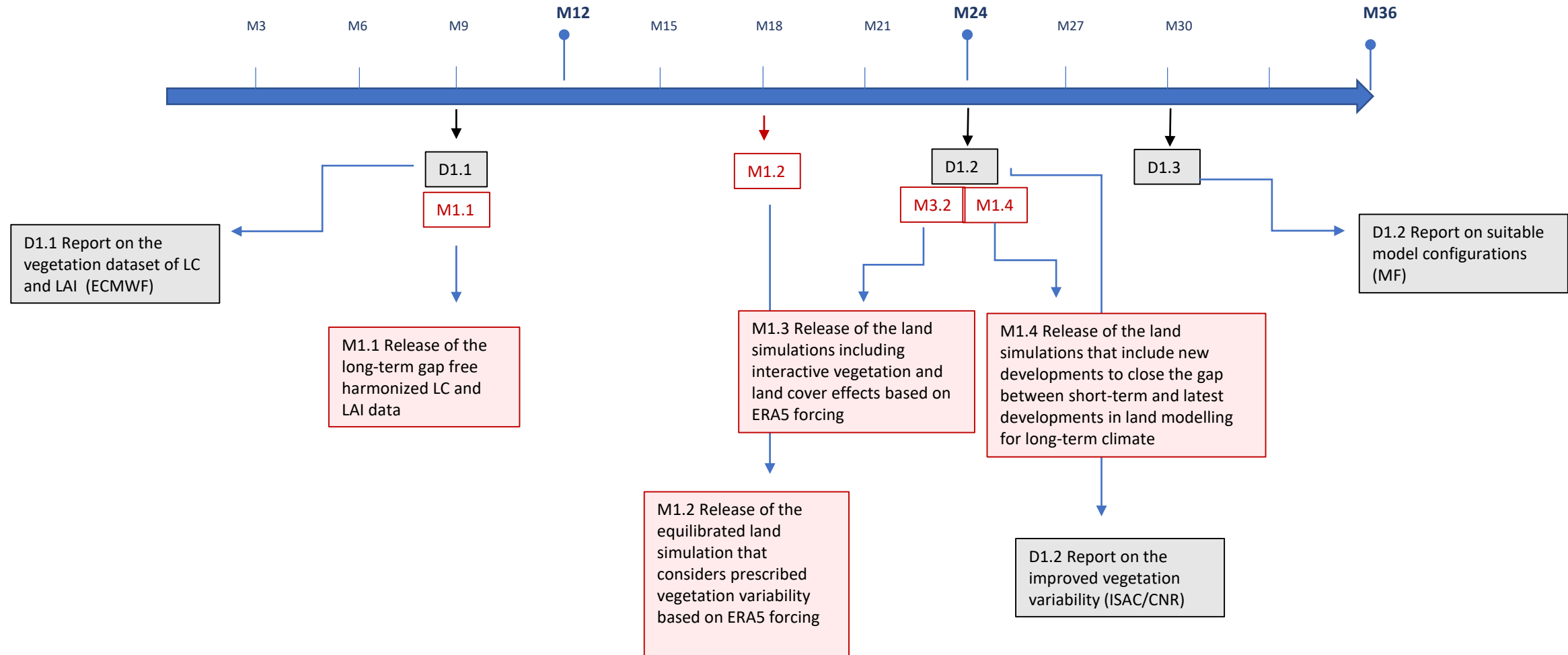


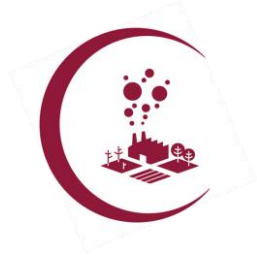
Modularity for efficient workflow - Verifiable developments - Dual System for robust assessment



WP1: Temporal Variations of Vegetation and Land cover

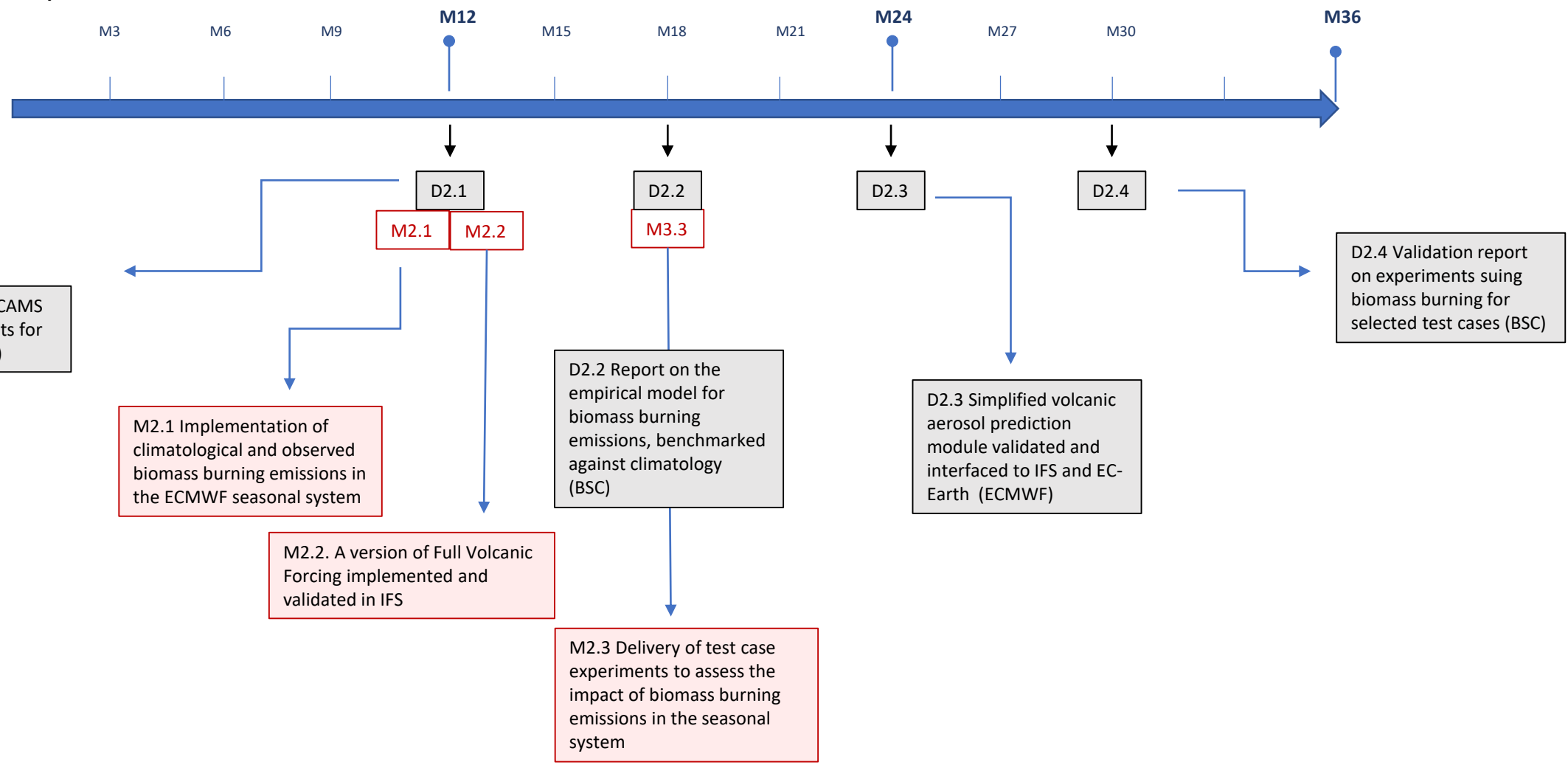
Participants: MF, CNR/ISAC, ECMWF

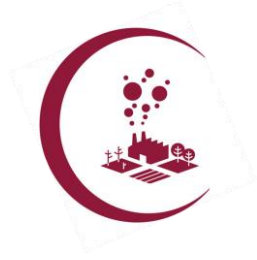




WP2:Temporal variations of aerosols

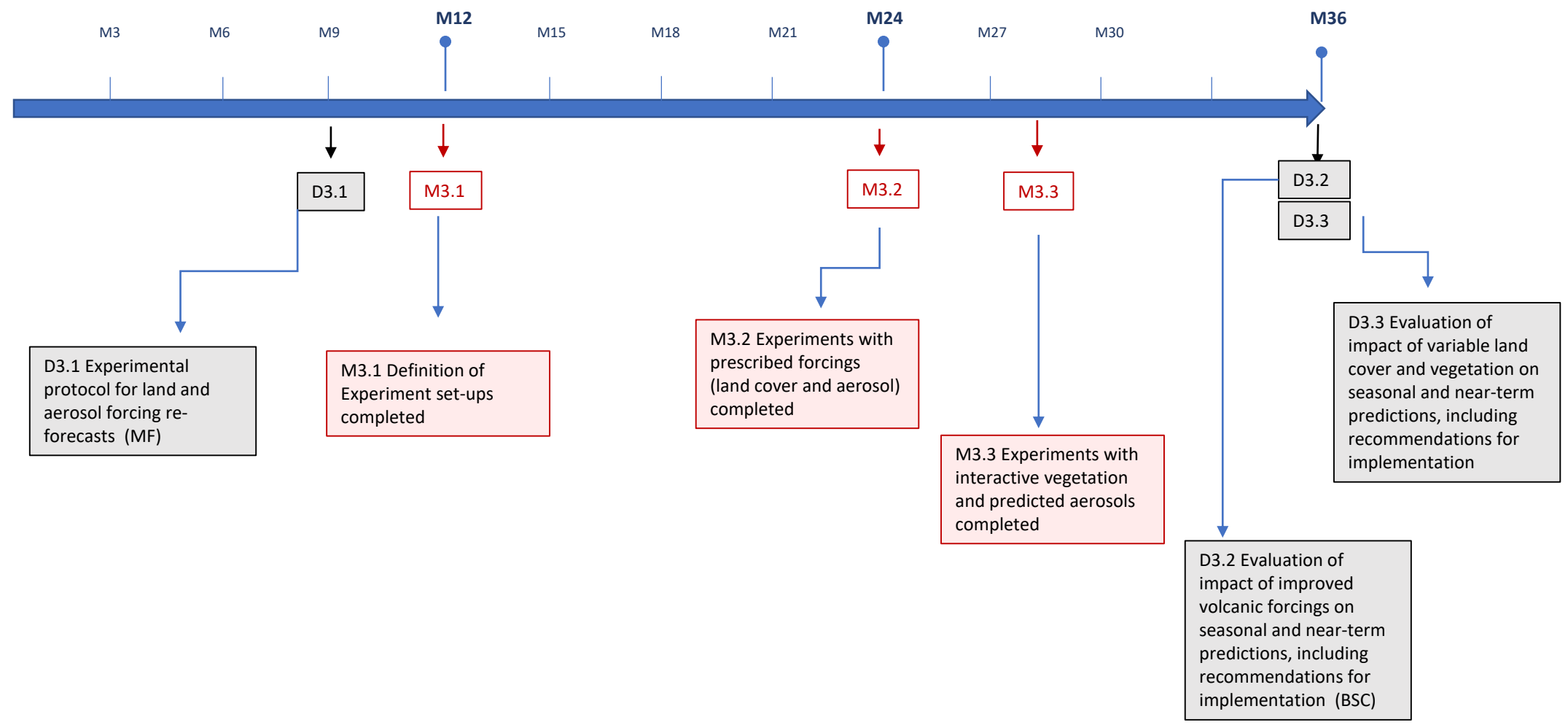
Participants: ECMWF/BSC





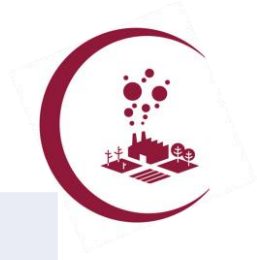
WP3: Evaluation in initialised seasonal and near-term predictions

Participants: ECMWF- MF – BSC – CNR/ISAC



WP4: Coordination

Led by ECMWF



Objectives

- Coordination
- Administration and financial support
- Quality management
- Risk management
- Dissemination, Exploitation and Communication

Deliverables

D4.1 Risk and Quality Management Plan (Lead: ECMWF; M2, R, CO)

D4.2 Project Website (Lead: ECMWF; M3, DEC, PU)

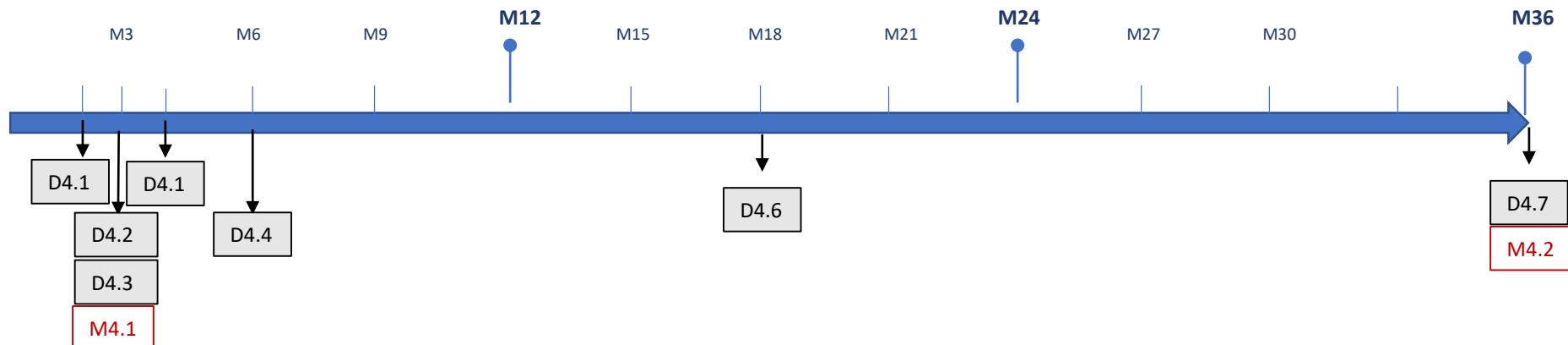
D4.3 Dissemination and Exploitation Plan (Lead: ECMWF, M3, R, PU)

D4.4 Media and Communication Plan (Lead: ECMWF, M4, R, PU)

D4.5 Data Management Plan (Lead: ECMWF, M6, R PU)

D4.6 Mid-Term Dissemination and Exploitation Report (Lead: ECMWF; M18, R, PU)

D4.7 Final Dissemination and Exploitation Report (Lead: ECMWF; M36, R, PU)





Questions?

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