

Motivation

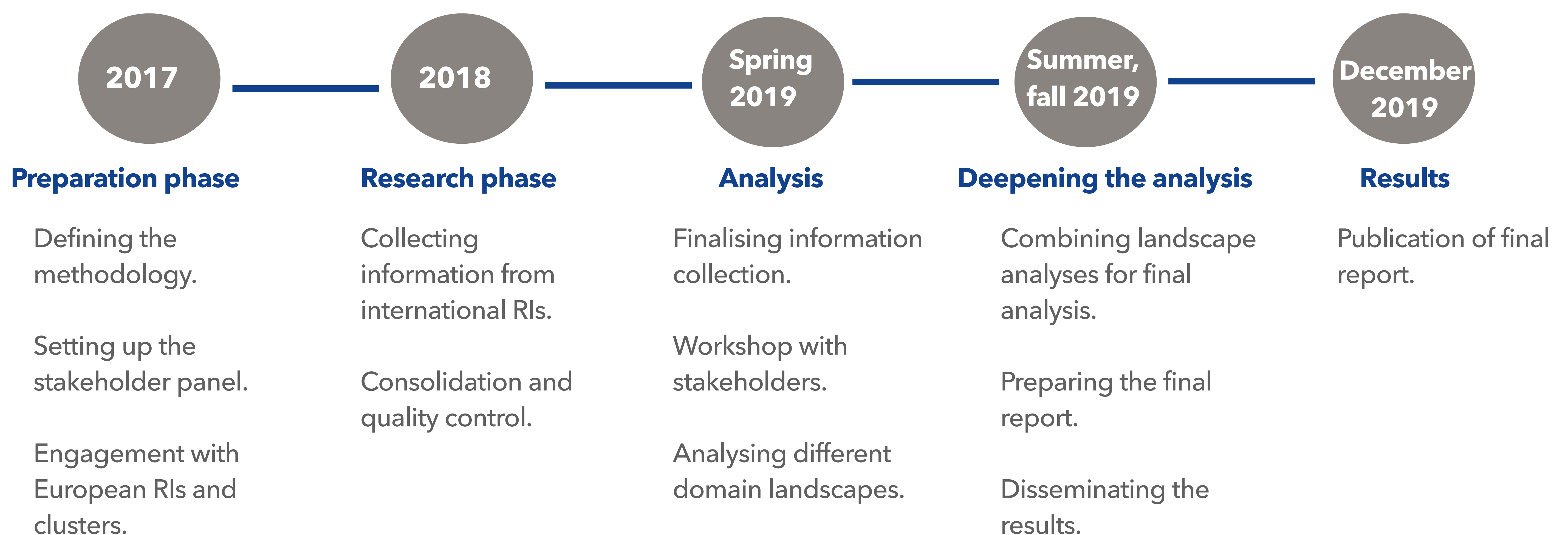
The goal for the RISCAPE (European Research Infrastructures in the International Landscape) project is to provide a systematic, focused, high-quality, comprehensive, consistent and peer-reviewed international landscape analysis report on the position and complementarities of the major European Research Infrastructures (RIs) in the international research infrastructure landscape. The project covers eight disciplines: Astronomy and astroparticles, Environmental, Biomedical, Physics and engineering, Energy, Social sciences, Cultural heritage, Digital humanities and language, and e-infrastructures. ASTRON (Netherlands Institute for Radio Astronomy) leads the work package in Astronomy and Astroparticles.

Process

The process started from the RIs in the ESFRI Roadmap, and expanded to survey key RIs of pan-European interest. The European research infrastructures provided us with the names of their international counterparts (meaning non-European). The list of **international research infrastructures** was later completed by studying national roadmaps and other policy documents. We finally produced an initial list of 55 international RIs in Astronomy and Astroparticles that were invited to take part in the study.

The RIs in the study are mapped using a questionnaire and following-up interview to assess four main characteristics:

- The research infrastructure has **science** or research is in its **core**
- Is **longstanding** and its **time horizon** is longer than a research project
- Offers **services** to users outside the infrastructure
- Reaches **scientific impact** that is expected from ESFRI landmarks or projects.



Outcome

RISCAPE will describe the level and type of complementarity between European and international RIs, identifying major gaps and opportunities for profitable linking or collaborations. The final public report will directly benefit the European Union's strategic RI development and policy.

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