

Aggregates planning scheme

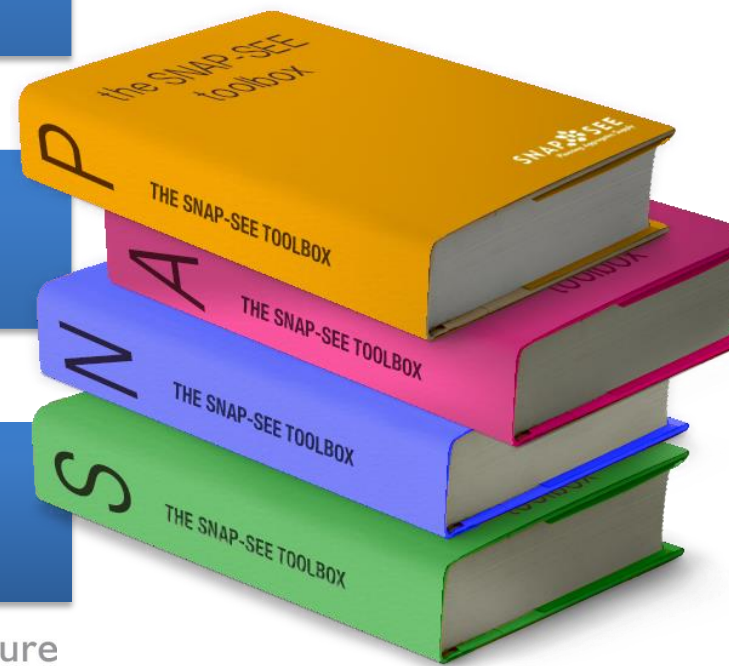
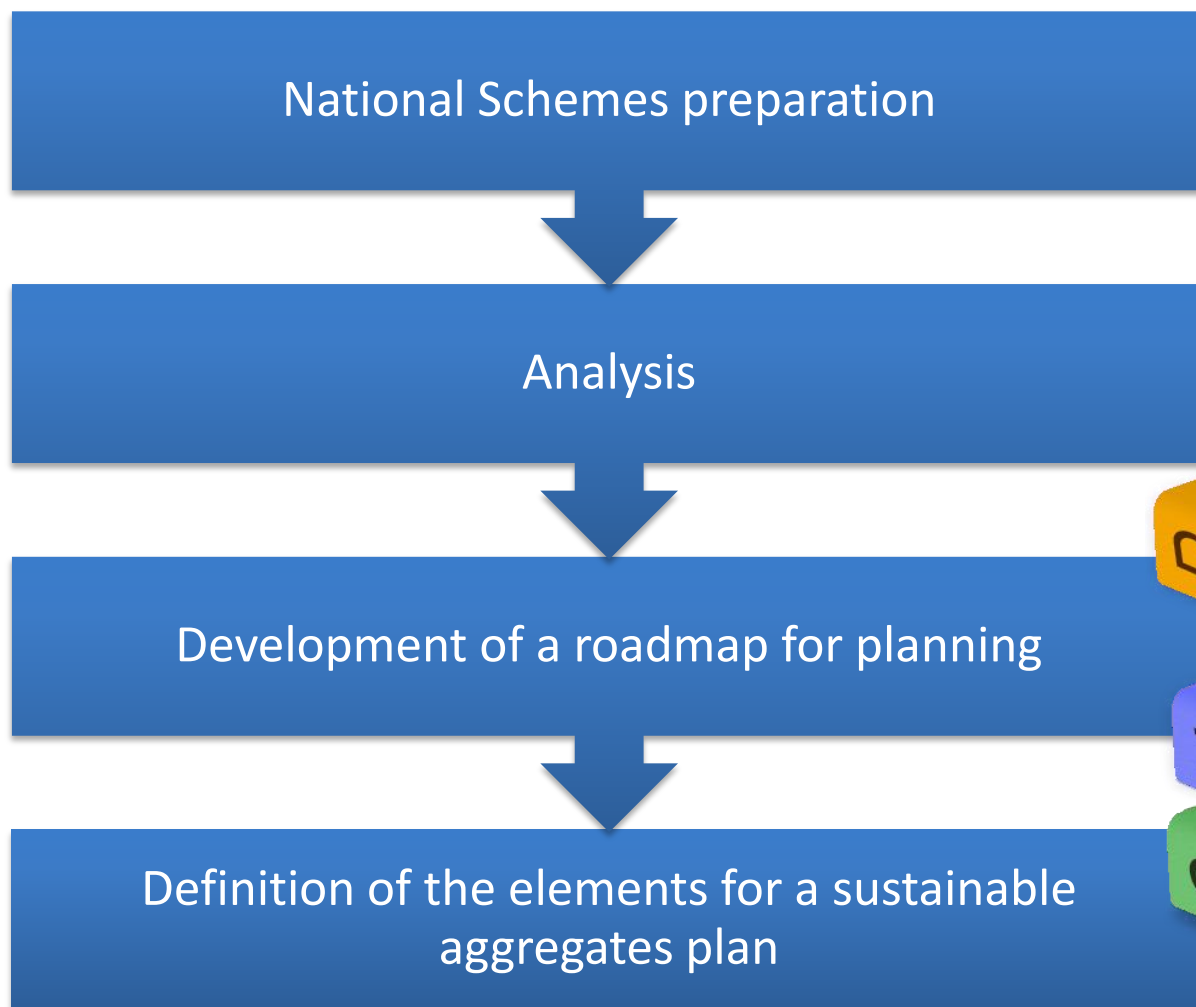


Stefano Furin
Paolo Severi

Bonzi Luciana, Cintoli
Stefano, Marasmi
Christian, Ratta Manuela,
Rizzati Anna Rita,
Romagnoli Massimo,
Segadelli Stefano



Approach



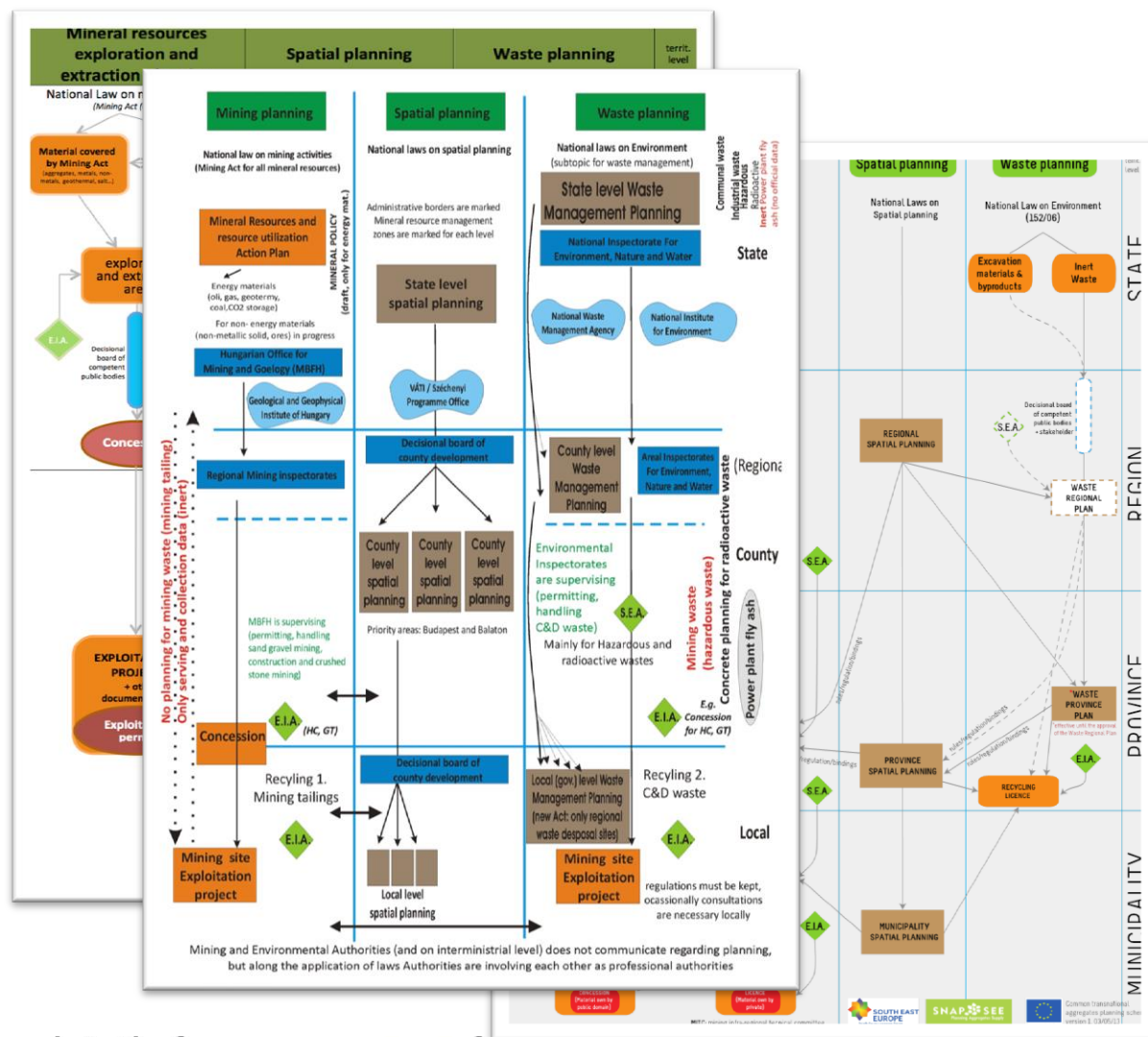
Scheme collection

National Schemes preparation

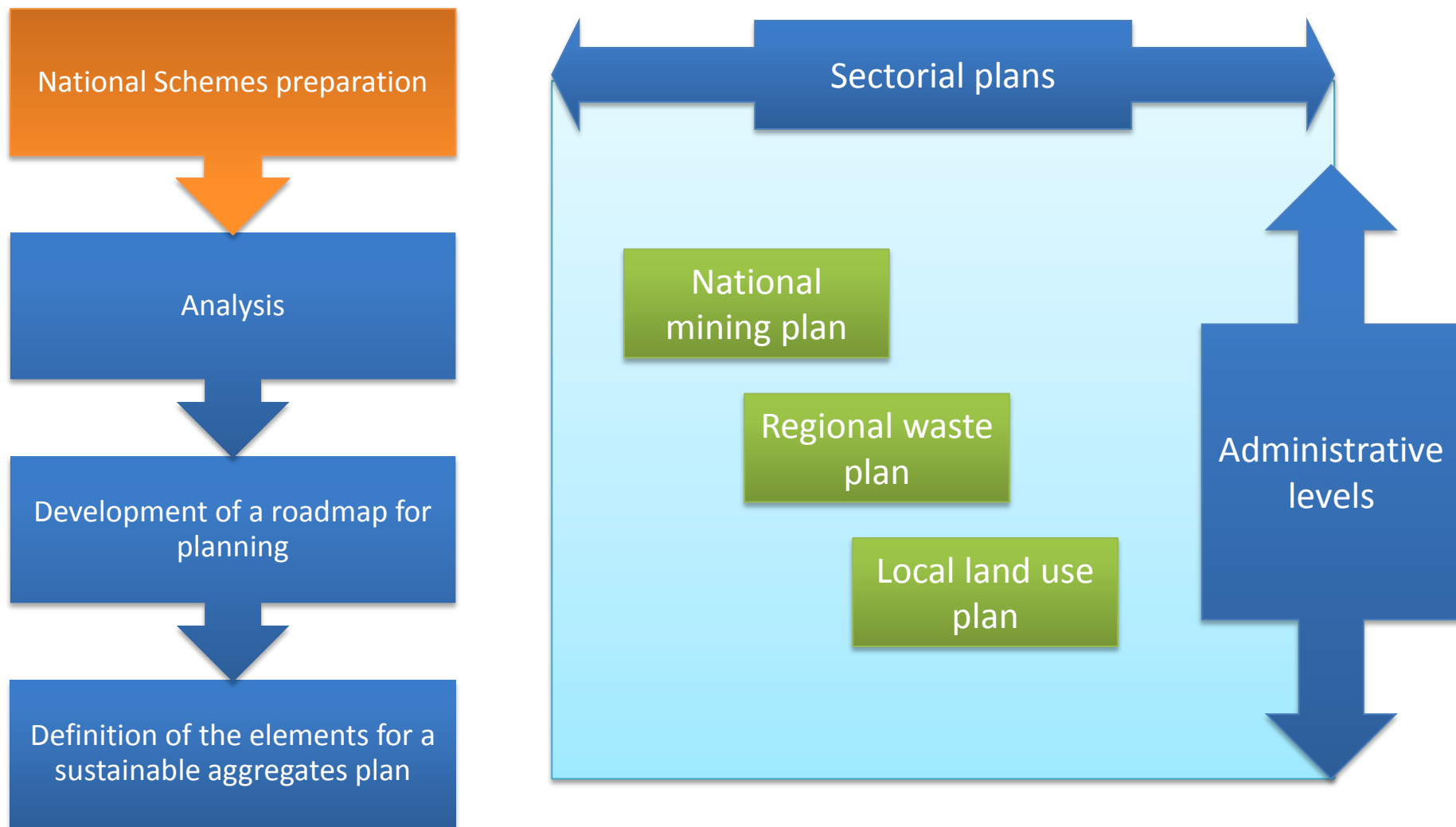
Analysis

Development of a roadmap for planning

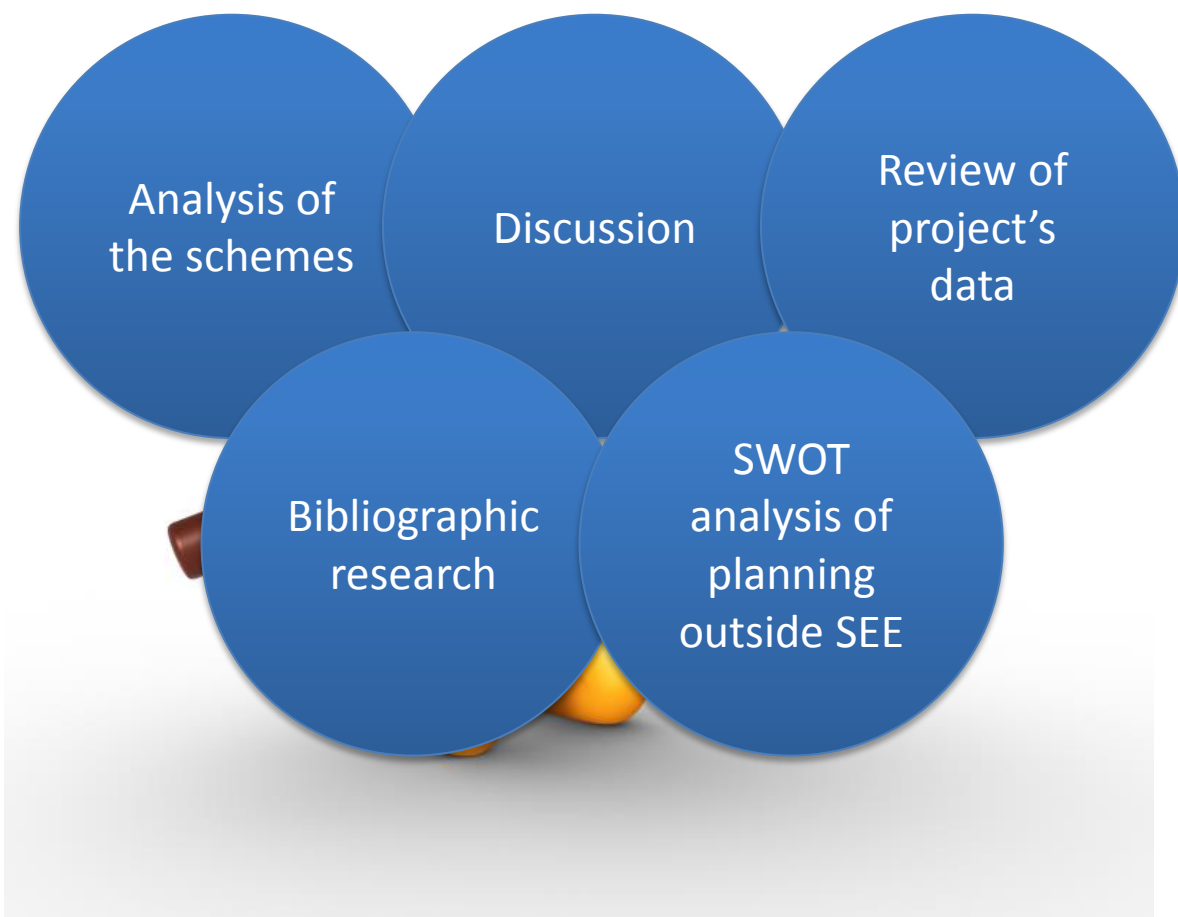
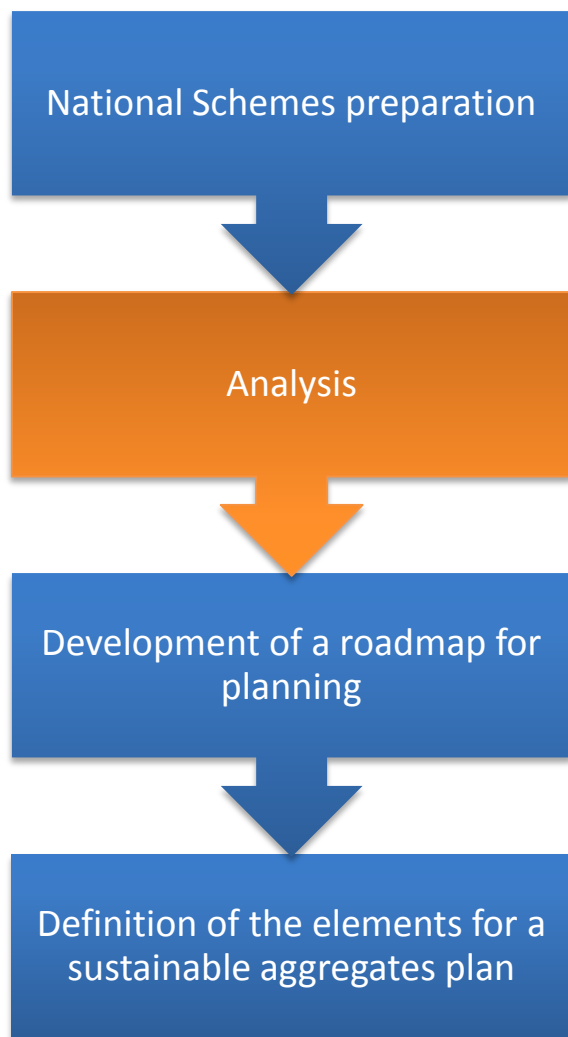
Definition of the elements for a sustainable aggregates plan



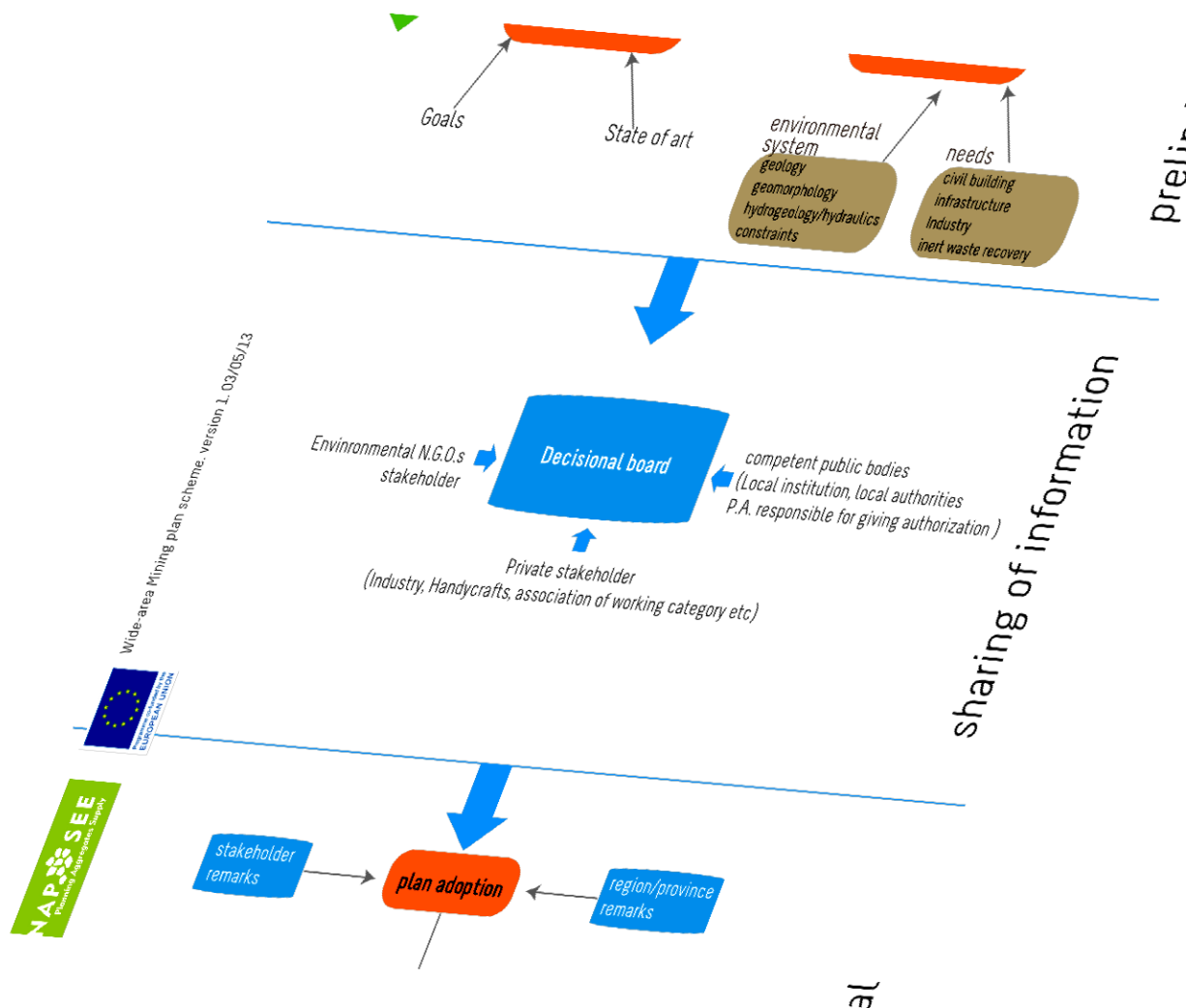
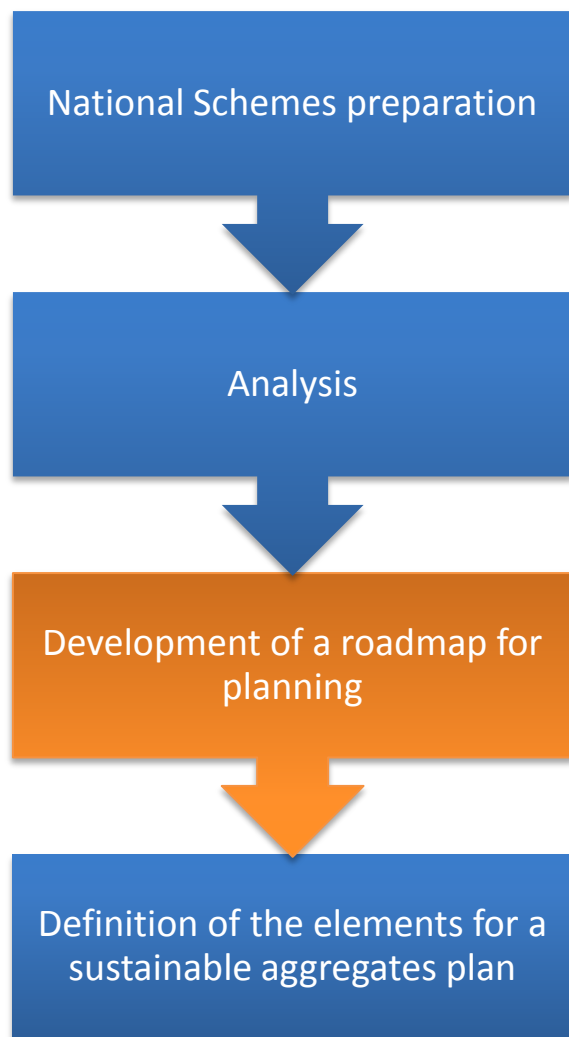
Structure of the collected schemes



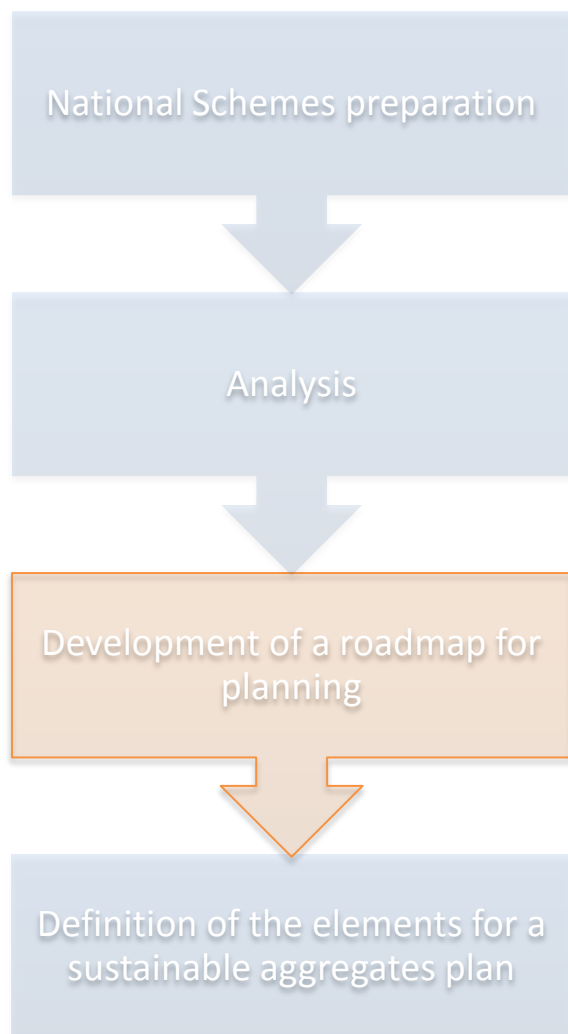
Analysis of planning in SEE



Roadmap for planning



Roadmap for planning: Phase 1



Step 1

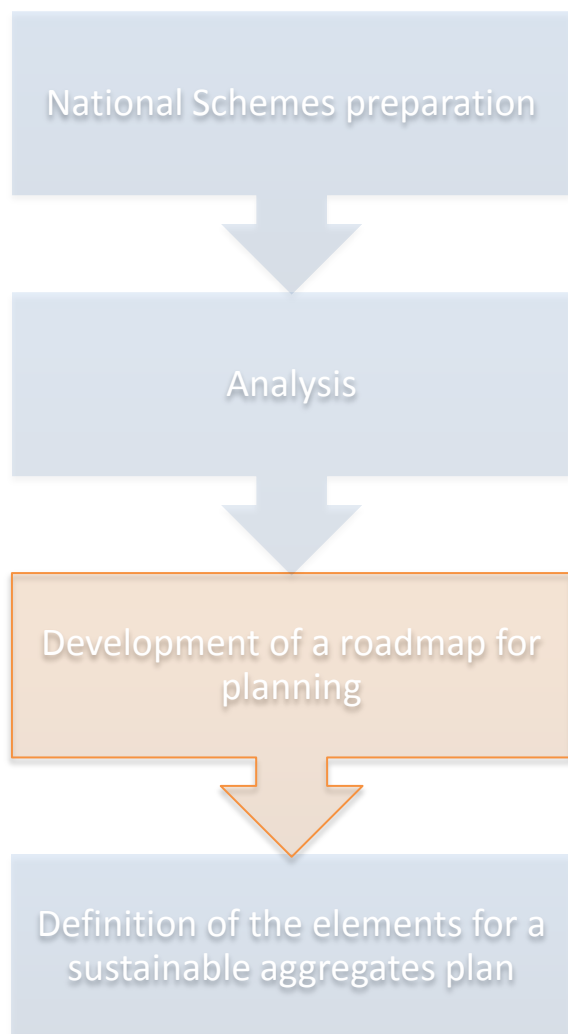
- Role of the entity in charge for plan development
- Goals
- Strengths & Weaknesses evaluation

Step 2

Step 3

Step 4

Roadmap for planning: Phase 1



Step 1

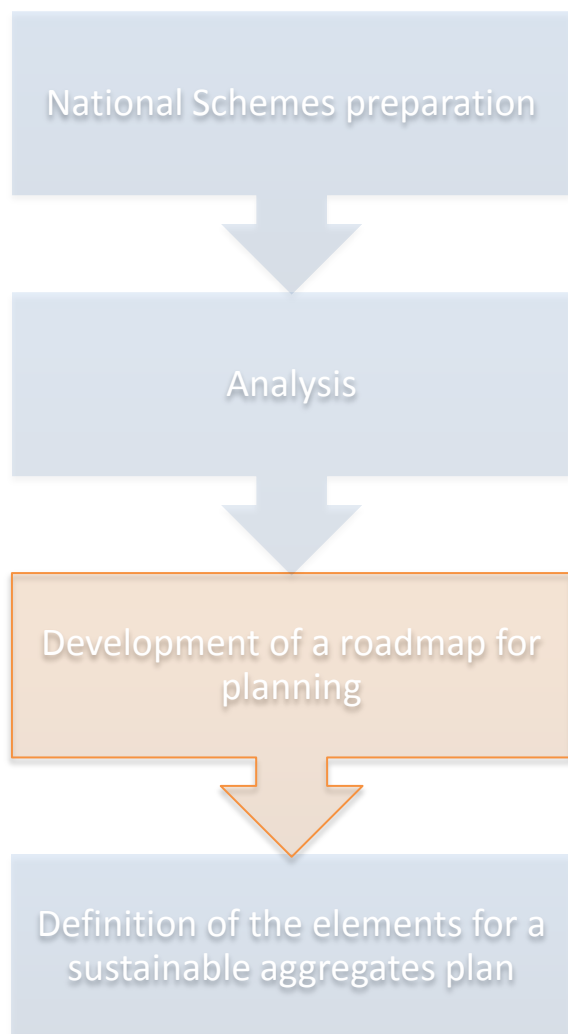
Step 2

- Definition of a vision
- Participation of stakeholders

Step 3

Step 4

Roadmap for planning: Phase 1



Step 1

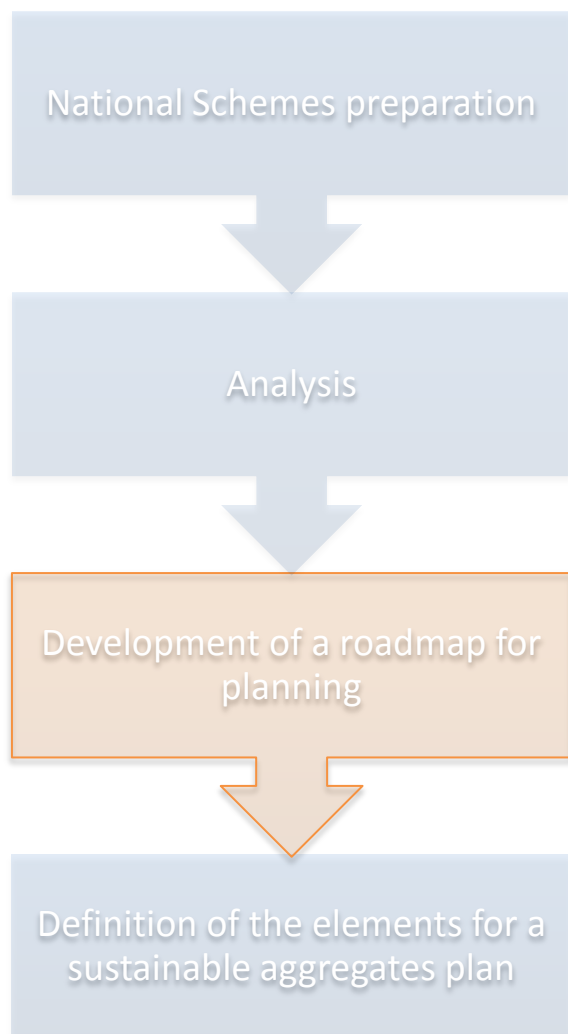
Step 2

Step 3

- Articulation of goals identified by vision
- Strategies to achieve the proposed goals

Step 4

Roadmap for planning: Phase 1



Step 1

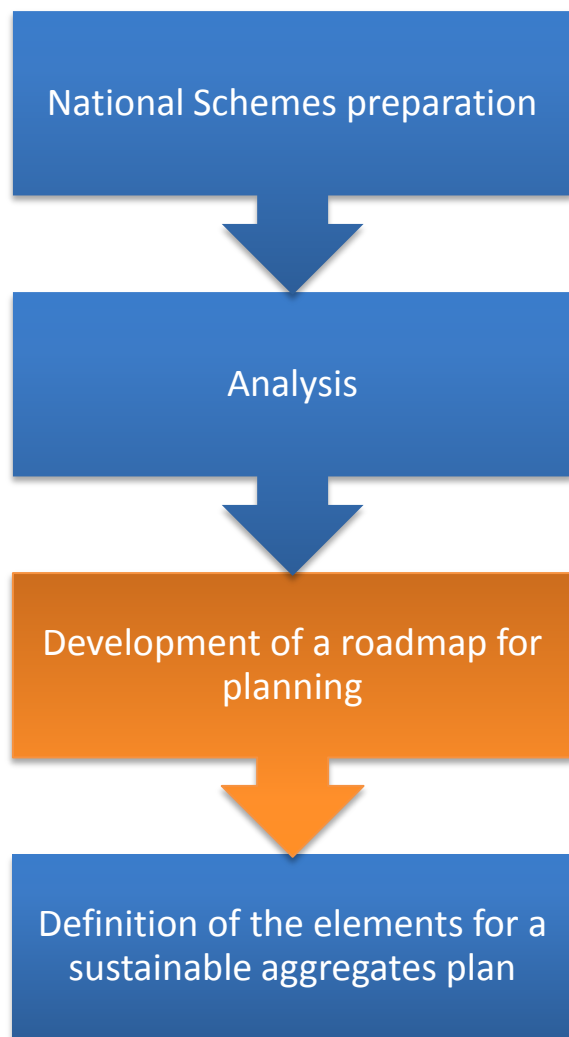
Step 2

Step 3

Step 4

- Definition of the knowledge framework

Roadmap for planning: Phase 2

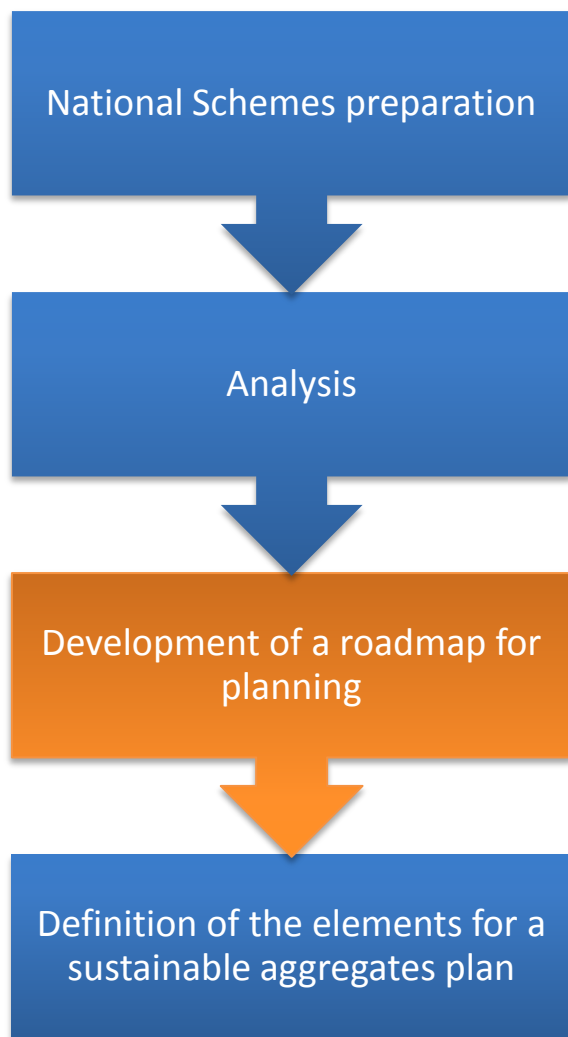


- Presentation of a hierarchy of goals
- Sharing of information
- Stakeholder education
- Iterative process in order to solve conflicts

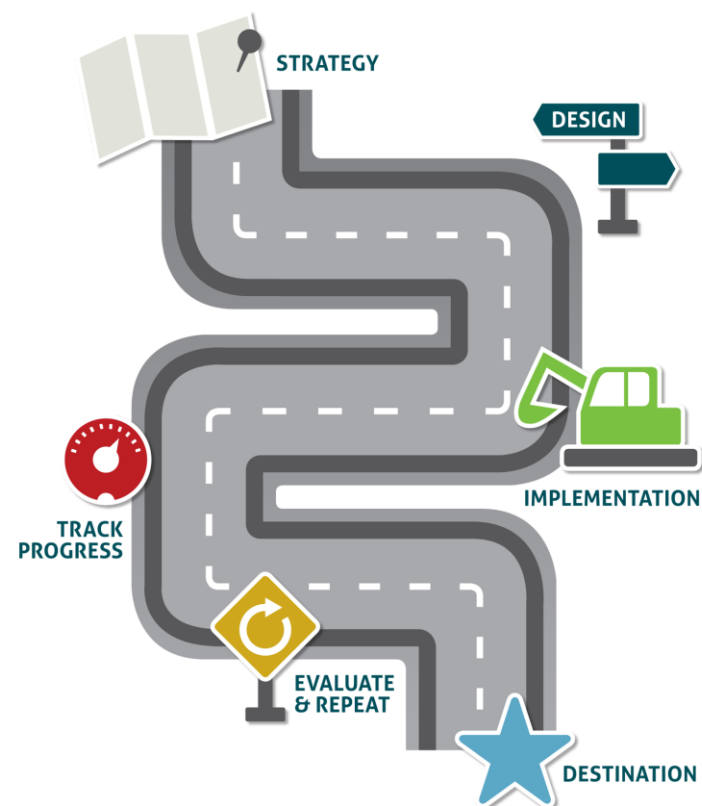


Jointly for our common future

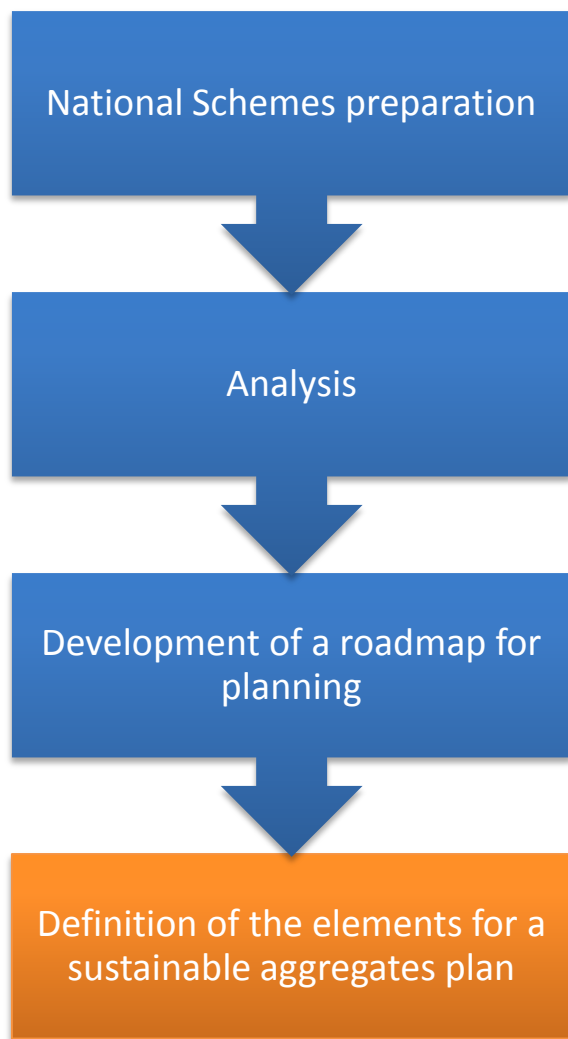
Roadmap for planning: Phase 3



- Review of suggestions
- Detail interaction between national/regional/municipality level planning
- Directions for monitoring
- Approval



Requirements for plan effectiveness



If not already stated by law, the plan should:

- Establish the need of a (national) plan for aggregate resources;
- Establish the need to integrate the aggregate plan into a more general land use plan;
- Coordinate the aggregate plan with waste management plan;
- Establish the ownership of primary aggregates.

Requirements for plan effectiveness

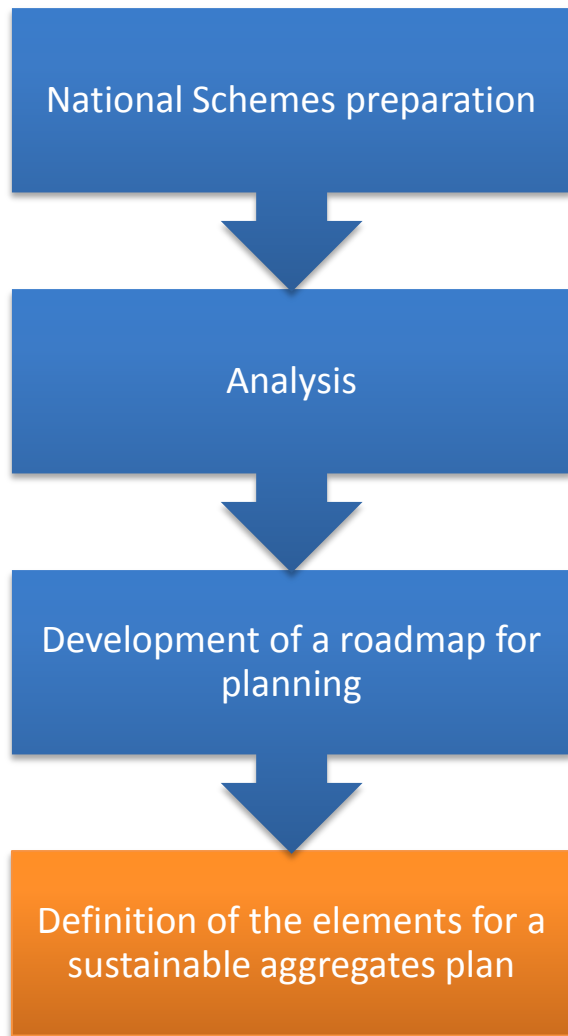
Example text module 1:

The original ownership of the primary aggregate resources belongs to the local government (state, regions, provinces, counties, municipalities). Private actors can concur through public procurement in order to be granted of the license to excavate in the identified area.

Example text module 2:

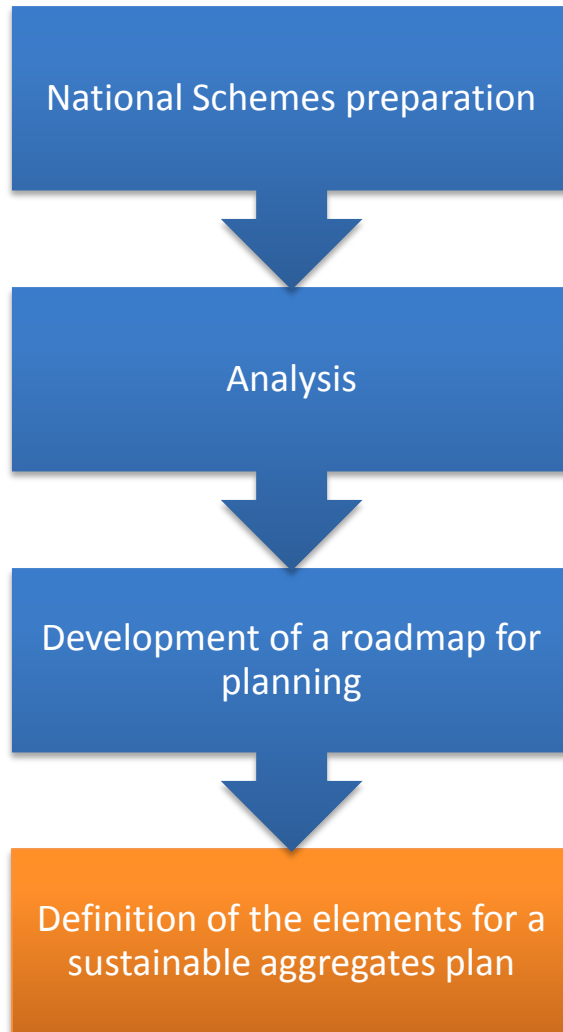
The original ownership of the primary aggregate resources belongs to the landowner since the primary aggregates are classified as quarry material. In order to permit the extraction of primary aggregates, the owner should require a specific authorization, in order to balance production needs with environmental needs. This requirement applies both in the case of landowners who wish to extract personally some material from the future quarry or in the case of an area rented to a third part for resources exploitation.

Elements of a sustainable plan (1/2)



1. An internal coherence with the principles agreed at a European level, in order to assure a progressive homogenization of the whole region;
2. The quantification of the needs of different materials in the long period (ideally more than ten years);
3. An identification of the optimal areas for aggregate extraction and protection;
4. An identification of alternative sources, estimation of their contribution to reduce natural resources consumption and their location in order to reduce transportation costs and impacts;
5. The definition of criteria and guidelines for the location of mining areas of municipal significance;
6. An assurance on the competitiveness of the aggregates industry;

Elements of a sustainable plan (2/2)



7. The criteria and methods for cultivation of BATs (Best Available Technologies), the final restoration of newly permitted quarries and for the restoration of abandoned quarries;
8. The criteria for the post-close utilization of quarrying land, including where possible, restoration to natural and/or public use;
9. The establishment of a coordination system between permitting authorities and land use planning management;
10. The establishment of efficient and effective permitting procedures;
11. A study of environmental balance that verifies the environmental compatibility of mining on the basis of current legislation.

Thank you for your attention!

We wish to thank also all the people involved in the preparation of the Aggregates Planning Scheme Handbook:

All the SNAP-SEE project partners for their contribution to the handbook

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