

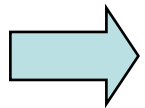
European Technology Platform for Sustainable Mineral Resources

ETP – SMR



NESMI - Thematic Network on Sustainable Mining and Processing Industries

- Finished April 2002 - March 2005
- Closing conference and exhibition: March 2005



Launch of European Technology Program on Sustainable Mineral Resources for 7. Framework Program

« ETP SMR »

European Technology Platforms

- Tool for defining EU research agenda and FP7/FP8 funding
- Cross sectorial (wide scope)
- Driven by industry (at least $\frac{1}{2}$ of costs financed by the industry)
- RTD Vision 2030

 25 Existing: steel, textiles, industrial safety, water, ...

VISON

- Securing the future supply and sustainable processing of raw materials for Europe through R&D based technology leadership to implement best practices and continue to increase the competitive position at a global level.

ETP SMR: contents

- Meet the challenges of European mineral industry
- Promote co-operation and cross-sectoral synergies for higher RTD-efficiency
- Main challenges should drive the strategic objectives of the TP and be the justification for the focussed research
- Five focus areas:
 - » Securing supply of minerals –
 - » Leadership in Technology
 - » Reuse and recycling of metals and minerals
 - » Efficient materials, products and solutions
 - » Interaction with the Society

Strategic Objectives and Scope

(as per Focus Areas 1 – 5)

- Achieve Leadership in Technology through RTD goals that focus on
 - Zero Impact operations
 - Value added and cost efficient processes, production and products
 - Increased recovery and raw product utilization
- Leverage RTD excellence in Europe to secure supply and create employment, further strengthening European added value in the global market.
- Quality and sustainable materials for global markets to underpin high tech industries

Deliverables

- New Technologies, Tools and Techniques that achieve to strategic objectives

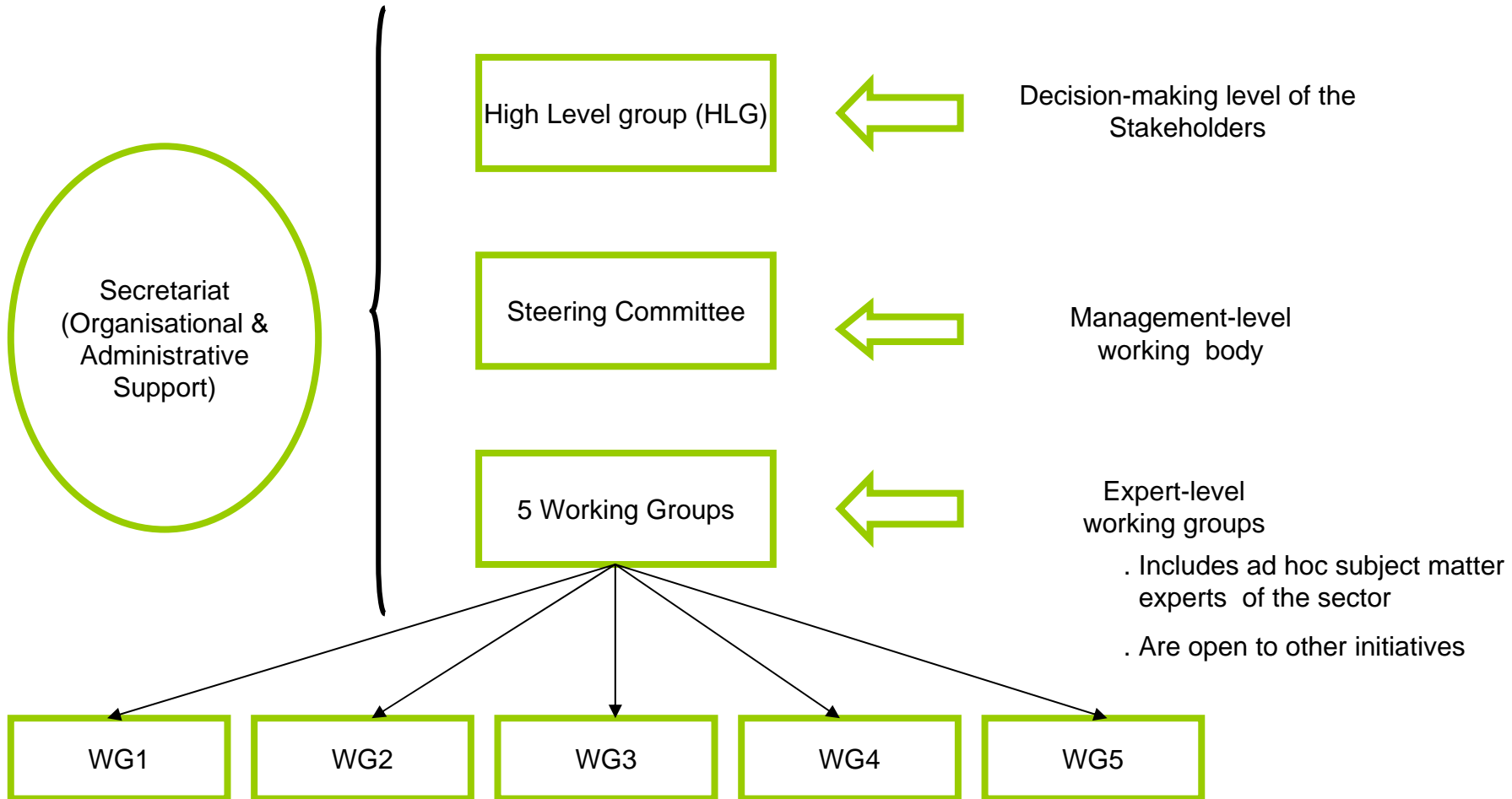
Development of Strategic Research Agenda

- Technology Roadmap – RTD programs – projects
- Education tools
- Structures to achieve technology transfer

Stakeholders

- **The European Commission**
- **Representatives of Public Authorities**
- **Industry** (SMEs and big companies):
extractive and processing; suppliers of
services, technologies and products; end
users
- **Associations**
- **Research centres, academia**
- **NGOs**

Organisation of the Sustainable Minerals Technology Platform



Focus Areas (Working Groups)

1. Securing the supply of minerals to the European extractive industry
2. Technology leadership
3. Reuse and recycling of minerals and metals
4. New or improved mineral products, product applications and technical solutions
5. Interaction with society

Resources & Financial Arrangements

- Interim secretariat and steering committee to co-ordinate activities moving forward
- Industry to fund development to next stage
- Interim secretariat to provide budget

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