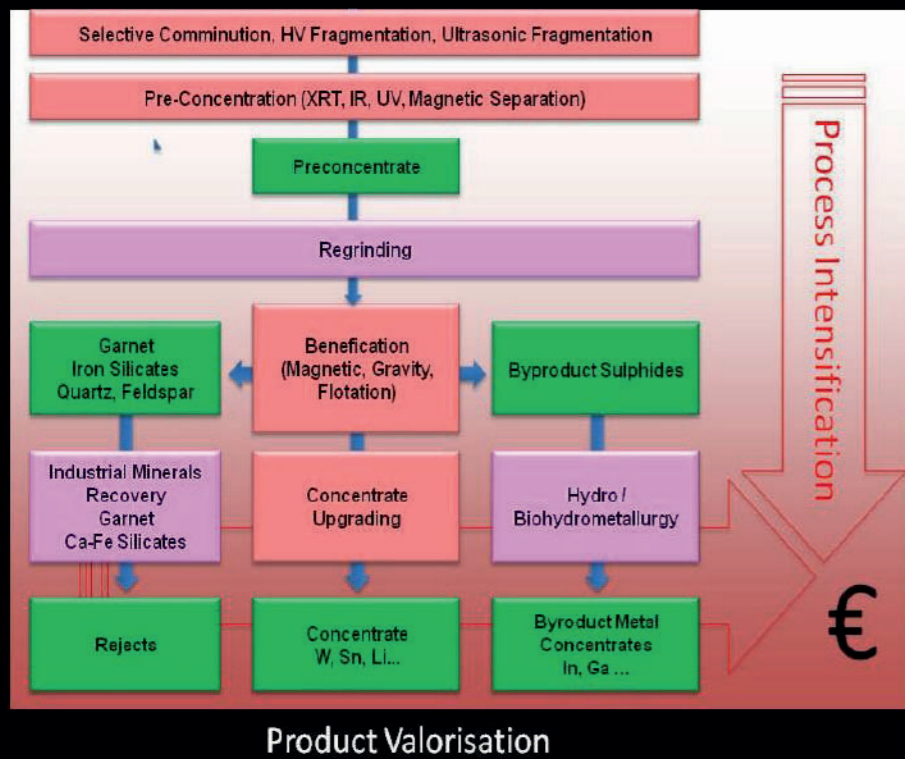




Initial Methodology

FAME distinguishes R&I on three different ore types (skarn, greisen & pegmatite) to develop their respective processing flow sheets for mineral liberation (grinding, comminution and sorting), flotation following hydrometallurgic treatment. In order to find the most suitable approach for the mineral wealth and physio-chemical properties of these three ore types mineralogical investigations will be carried out.



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For further information please visit our website:

www.fame-project.eu

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**Flexible and Mobile
Economic
Processing Technologies**

FAME is an industry driven network R&I project comprising research oriented small and medium size enterprises (SME). These can unlock the most promising domestic raw material resources: primary ores. FAME brings together the experiences, visions and exploitable know-how of industry, scientific research institutes and academia. This will develop new business fields and enterprises in the raw material sector.

Contribution to Horizon2020 and EIP RM

The Societal Challenges identified for the Horizon 2020 include the *Climate Action, Environment, Resource Efficiency and Raw Materials* which has the following specific objectives that relate directly to raw materials:

- Protection and sustainable management of natural resources and ecosystems;
- Sustainable supply and use of raw materials, in order to meet the needs of a growing global population within the sustainable limits of the planet's natural resources and eco-systems.

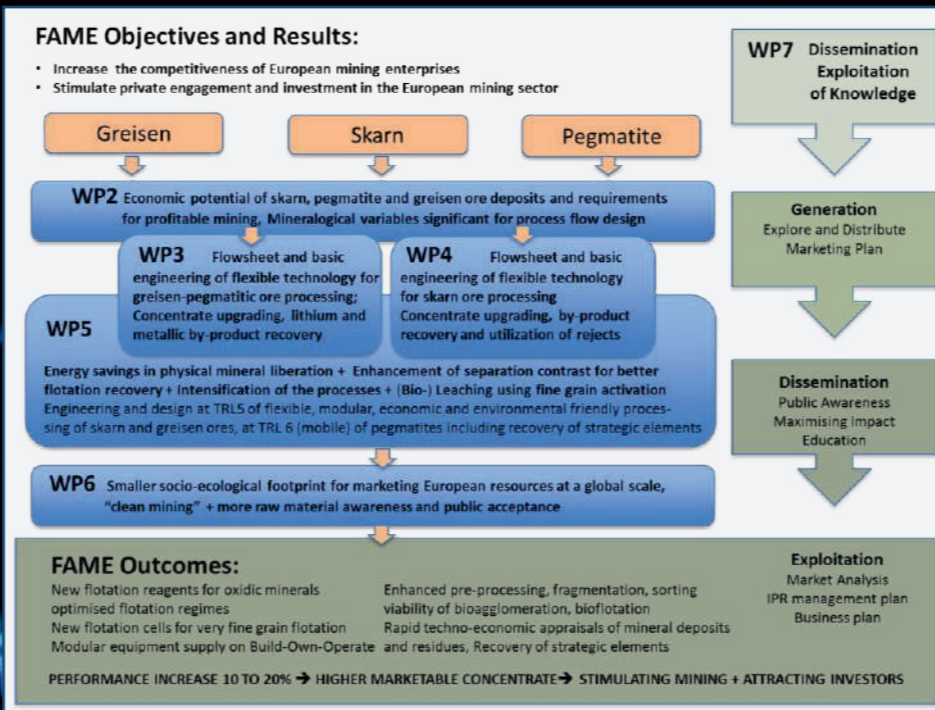
FAME addresses these objectives and more specifically the call topic *SC5-11-2014/2015: New solutions for sustainable production of raw materials;* b) *Flexible processing technologies.* The specific challenge is identified in the *Priority Area Technologies for primary and secondary raw materials production* of the Strategic Implementation Plan for the EIP RM.

Consortium

The project involves collaboration between a wide spectrum of specialist disciplines including geology, process and mechanical engineering, planning, metallurgy, geotechnical, environment and others. The consortium integrates 16 partners of 7 EU member states, ranging from industry to research and academia and will include additionally Associated Partners from industry.

PARTNER	NATION
Wardell Armstrong International Ltd	UK
Geokompetenzzentrum Freiberg e.V.	Germany
G.E.O.S. Ingenieurgesellschaft mbH	Germany
Nickelhütte Aue GmbH	Germany
Eurocolt Ltd	Portugal
GEOMET	Czech Republic
Keliber Oy	Finland
GBM Minerals Engineering Consultants Ltd	UK
Bureau de Recherches Geologiques et Minières	France
Geologian Tutkimuskeskus	Finland
Laboratorio Nacional de Energia e Geologia	Portugal
University of Exeter	UK
The Natural History Museum London	UK
Université de Lorraine	France
Universidade do Porto	Portugal
Lulea University of Technology	Sweden

Fame at a glance



The FAME Project will contribute by developing flexible modular and economic, as well as environmentally friendly processing technologies. This will create a new raw material base and assist entrepreneurship thereby raising a better raw material awareness and understanding to create sustainable jobs.

