



# UN CASO DE ÉXITO: **INTERNATIONAL NETWORK OF RAW MATERIALS TRAINING CENTERS** **INTERMIN**

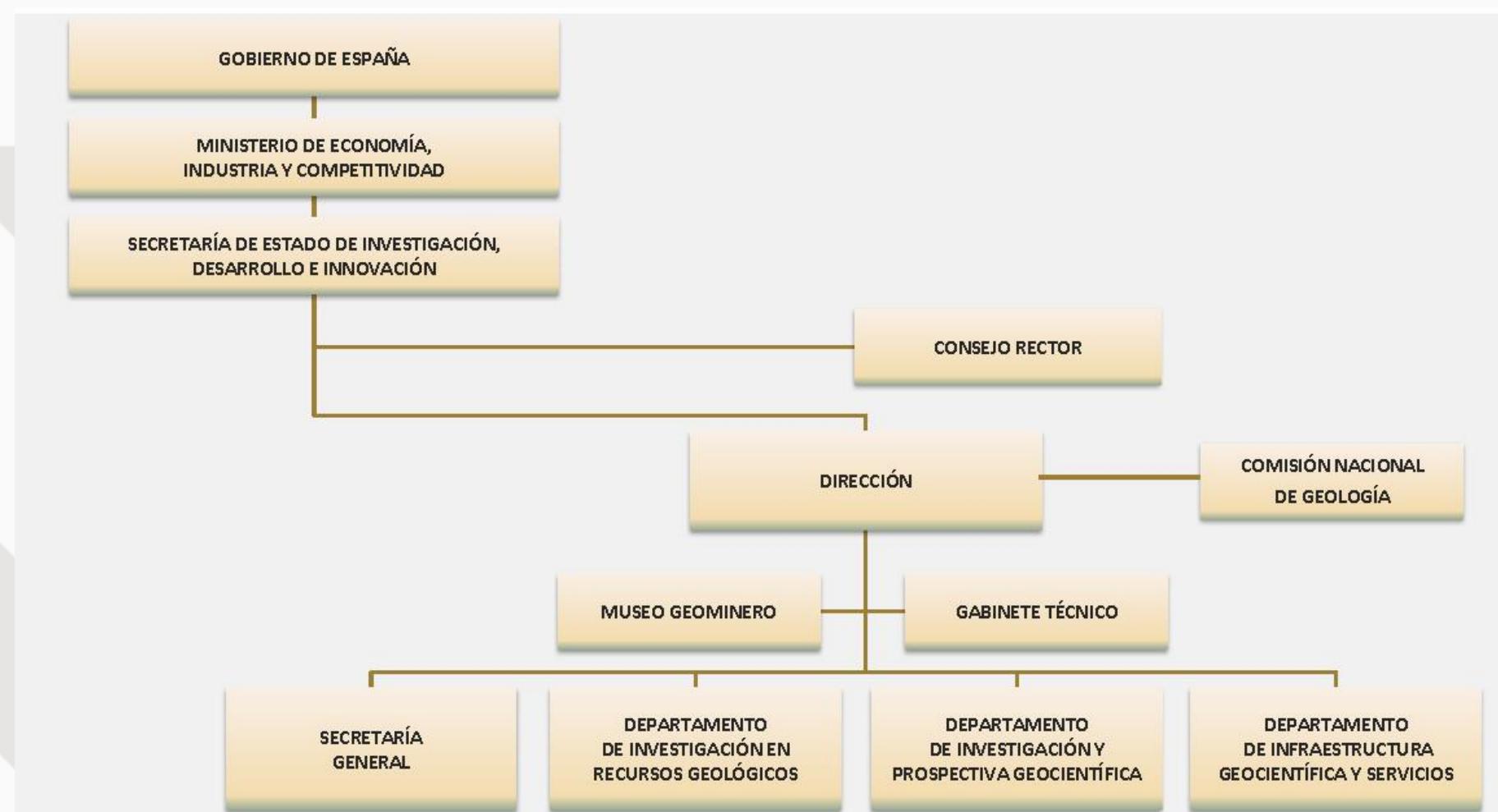
Prof. Manuel Regueiro y González-Barros  
Instituto Geológico y Minero de España



## ¿Quiénes somos?

### Instituto Geológico y Minero de España

- Organismo Público de Investigación, con el carácter de organismo autónomo, adscrito al Ministerio de Economía, Industria y Competitividad.
- Fue el primer centro creado en España (1849) para el estudio de la geología del territorio español, la elaboración del mapa geológico nacional, el reconocimiento de yacimientos minerales y el estudio de aguas subterráneas.
- Hoy es el principal Centro de Investigación en el campo de las Ciencias y Tecnologías de la Tierra de España.
- Tiene actualmente 389 empleados y un presupuesto de 25M€/año. Está especializado en diversos campos de actividad tales como la geología, el medio ambiente, la hidrogeología, los recursos minerales, los riesgos geológicos y la planificación del territorio.
- Misión: Proporcionar a la Administración del Estado o de las Comunidades Autónomas que lo soliciten, y a la sociedad en general, el conocimiento y la información precisa en relación con las Ciencias y Tecnologías de la Tierra para cualquier actuación sobre el territorio.
- Estamos para ayudar: **[www.igme.es](http://www.igme.es)**



## 2016 Staff

Permanent graduate researchers, scientist and engineers	Other permanent staff	Total permanent staff	Temporary staff	Internships	Total
291	43	334	55	0	389

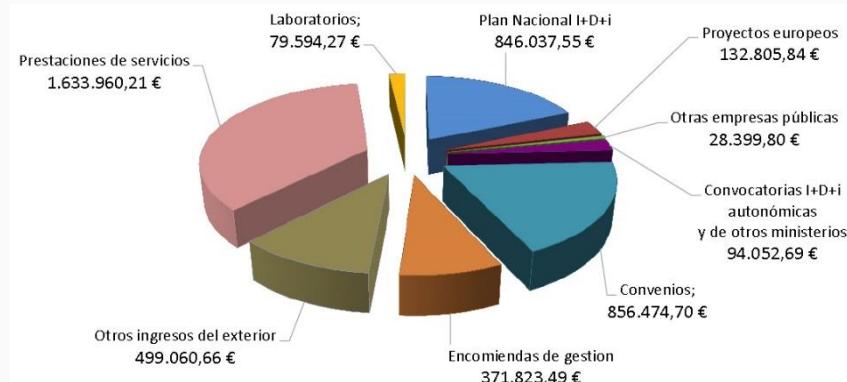
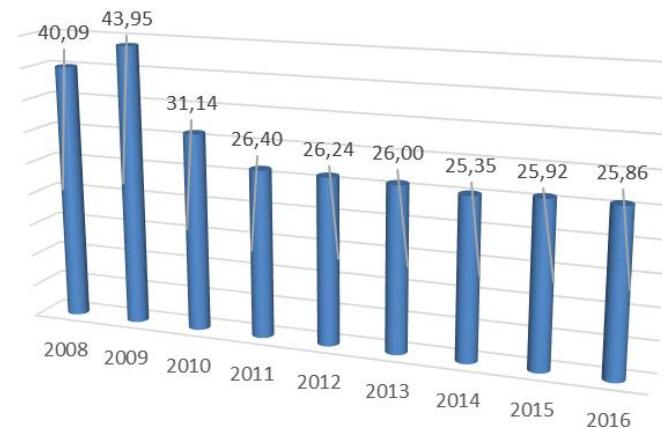
## 2016 Annual budget - expenditure

Total salaries and wages M€	Capital M€	Other recurrent expenditures M€	Total budget M€
16,19	4,23	5,36	25,86

## 2016 Annual budget - income sources %

Governmental	International	Other
80.00	2,43	17,56

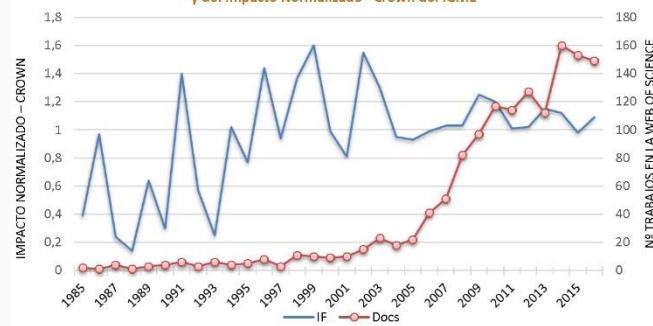
## BUDGET IGME M€



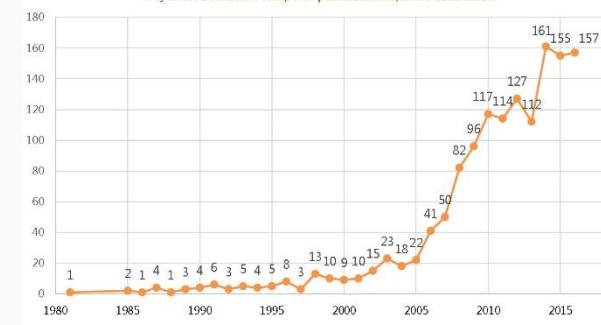
Gráfica 4. Distribución del personal 2016 según titulación

	Mujer	Hombre	Total
Doctores	29	69	98
Titulados superiores	71	84	155
Titulados medios	10	10	20
Otros estudios	58	58	116
	168	221	389

Gráfica 14. Evolución del número de trabajos citables indexados en la Web of Science y del Impacto Normalizado - Crown del IGME



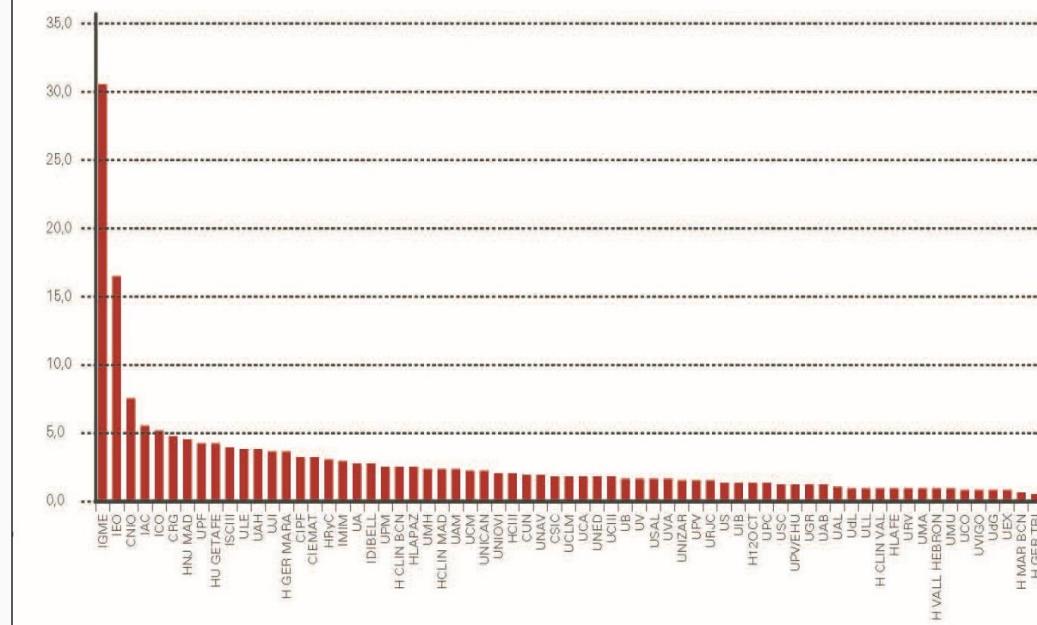
Gráfica 13. Evolución temporal publicaciones, años 1980-2016



Gráfica 27. Impacto del IGME en los medios



Ranking de las 64 instituciones científicas españolas con mayor visibilidad (2002-2011)



Tesis doctoral de Ana Victoria Pérez, titulada 'Imagen visible de la ciencia en la prensa digital generalista: actores y procesos (España 2002-2011)'

- Summary
- The Consortium
- Scope
- Technical description & implementation
- Impact
- Contribution to the EIP Raw Materials & Targets
- Results expected in the coming six months

- INTERMIN will create a self-sustainable long-term lasting international network of training centres for professionals.
- The network will map skills and knowledge in the EU and the third countries, identify key knowledge gaps and emerging needs, develop a roadmap for improving skills and knowledge, as well as establish common training programmes in the raw materials sectors
- The project involves educational and research institutions in the EU and the leading counterparts in third countries, based on specific country expertise in the primary and secondary raw materials sectors
- Budget: 1,2M€
- Timeframe: 36 months
- Kick-off: February 2018

## PILLAR 1. THE PROFESSIONALS

- European Federation of Geologists (EFG) (**WP3**)
- American Geological Institute (AGI)
- Polish Association of Mineral Asset Valuators (PAMAV)
- Young Earth Scientists Network (YES Network)

## PILLAR 3. THE TRAINING AND EDUCATIONAL ORGANISATIONS

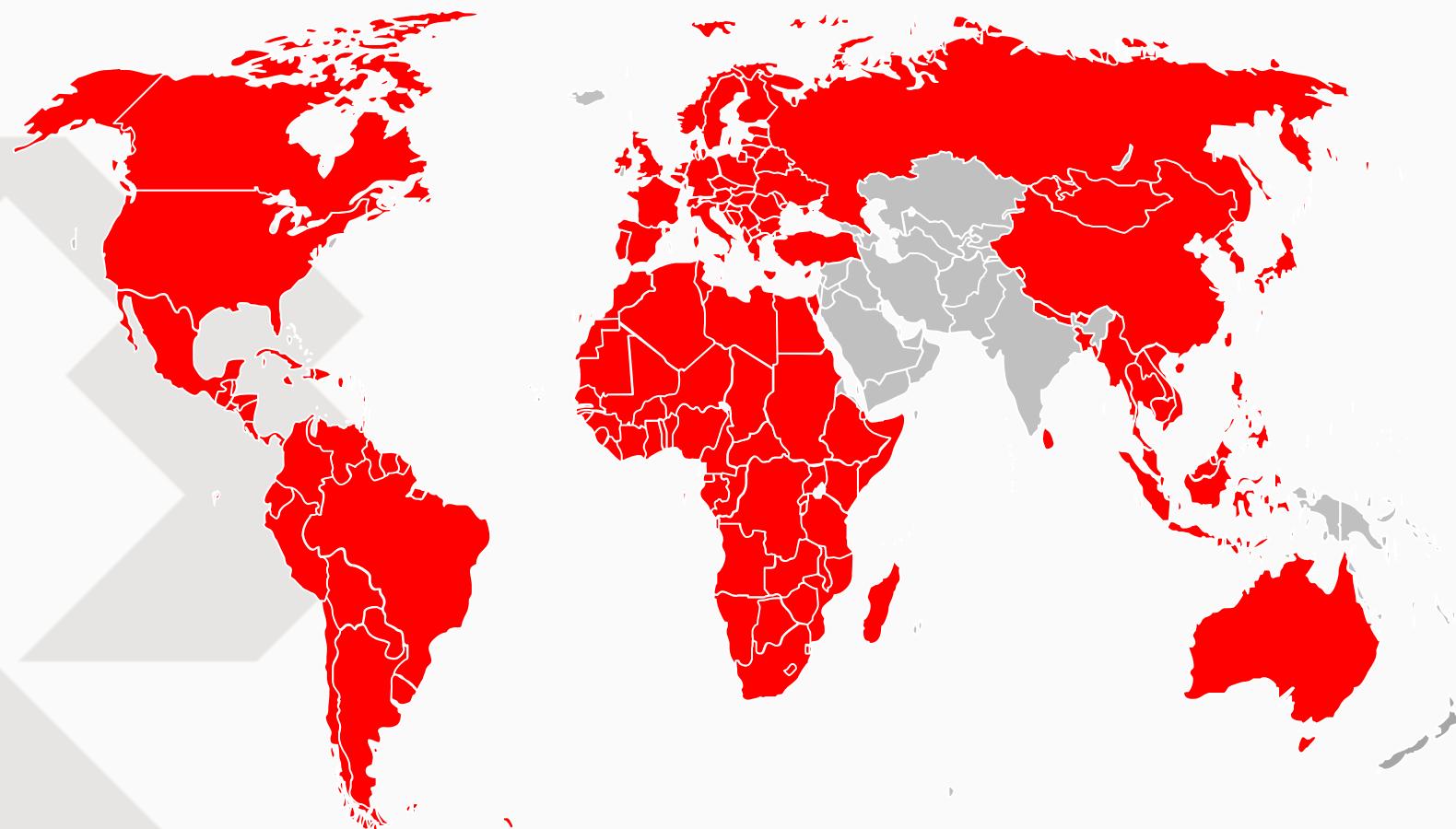
- Leoben University (**WP1**)
- Polytechnic University of Madrid (**WP4**)
- Universities of Queensland and Western Australia
- La Palma Research Center (**WP2**)
- Coordinating Committee for Geoscience Programmes in East and Southern Asia (CCOP)

## PILLAR 2. THE EMPLOYERS

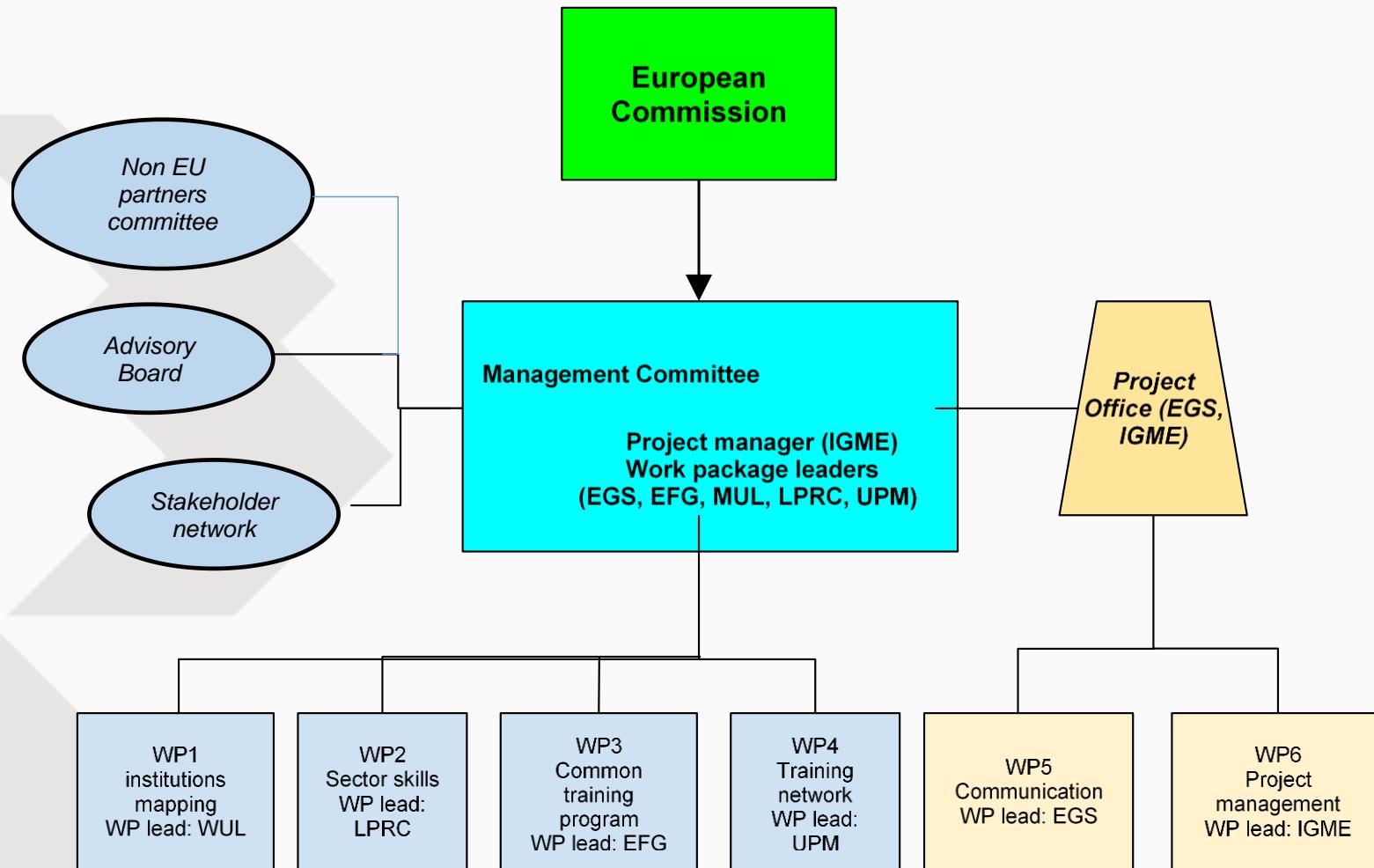
- EuroGeoSurveys (**WP5**)
- Association of Iberoamerican Geological and Mining Surveys (ASGMI )
- Geological Survey of Spain (IGME-SP) (**WP6**) (**WP7**)
- Geological Survey of Greece (IGME-GR)
- Geological Survey of Hungary (MFGI)
- Geological Survey of Portugal (LNEG)
- Geological Survey of Sweden (SGU)
- Geological Survey of France (BRGM)
- Czech Geological Survey (CGS)
- GeoInform of Ukraine (SRDE)

## ADVISORY BOARD

- International Association for Promoting Geoethics (IAPG)
- European Technology Platform on Sustainable Mineral Resources (ETP SMR)
- IndustriALL Global Union
- European Association of Mining Industries, Metal Ores & Industrial Minerals (Euromines)
- Anthropogenic Resources Working Group UNECE
- The United Nations Environment Programme (UNEP)
- United Nations Educational, Scientific and Cultural Organization (UNESCO)
- United Nations Development Programme (UNDP)
- United Nations Economic Commission for Africa (UNECA)
- International Union of Geological Sciences (IUGS)



**GLOBAL AUDIENCE OF APPROXIMATELY 550 000 PROFESSIONALS FROM  
5 CONTINENTS**

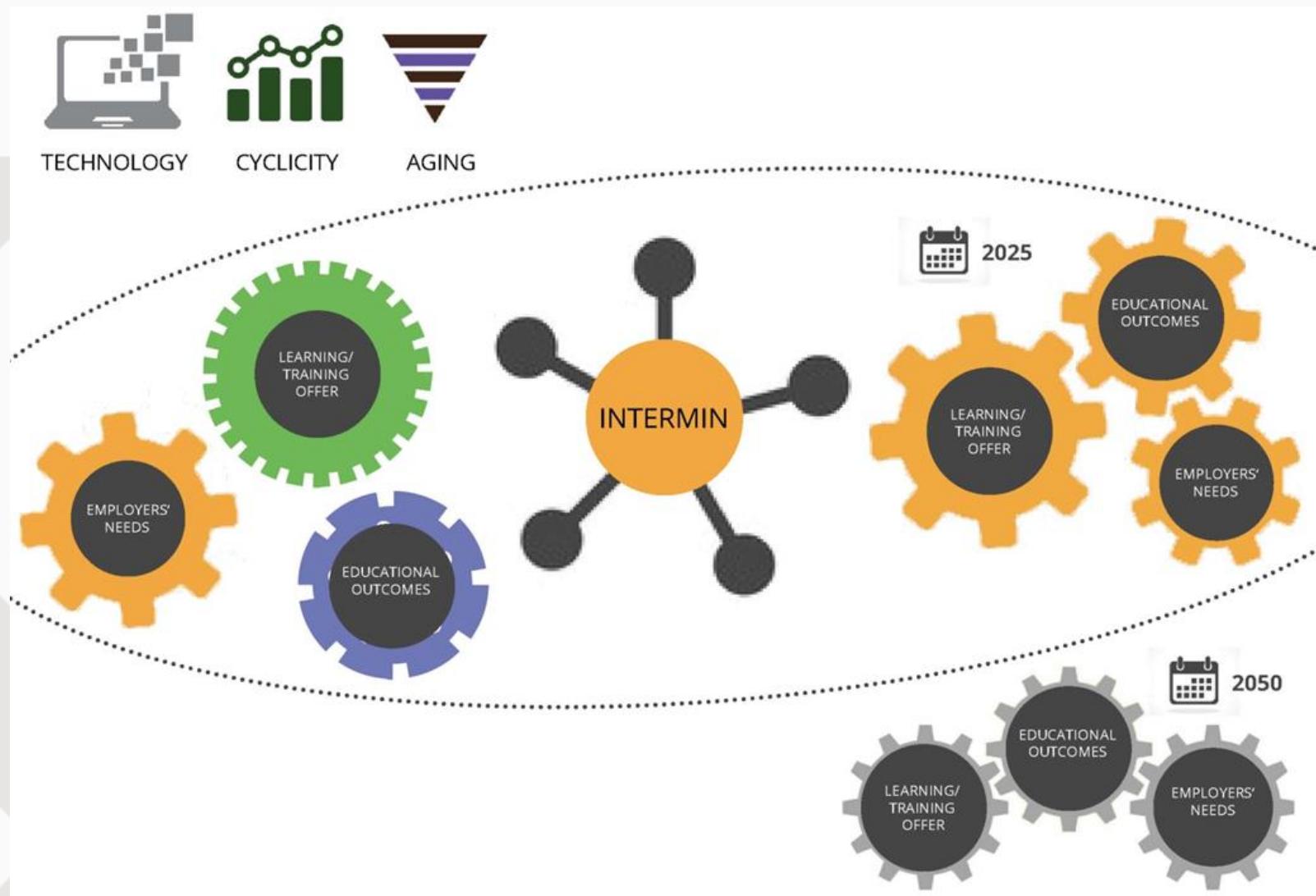


The project has the following specific objectives:

- Develop common metrics and reference points for quality assurance and recognition of training
- Develop a comprehensive competency model for employment across the primary and secondary raw materials sector

INTERMIN activities will include:

- To develop an international qualification framework for technical and vocational training programs on mineral raw materials' topics, based on present and future requirements by employers;
- To foster joint international training programs by a merger of competences and scope of existing training programmes;
- To optimize future interaction and collaboration in Europe and internationally



CALL AIMS	APPROACH
<ul style="list-style-type: none"><li>• Build on international cooperation;</li><li>• Map skills and knowledge in the EU and in mining advanced countries;</li><li>• Identify key knowledge gaps and emerging needs;</li><li>• Develop roadmap for improving skills and knowledge;</li><li>• Establish common training programmes in the raw materials sectors;</li><li>• Create a self-sustainable long-term lasting international network of training centres for professionals, involving educational and research institutions in the EU and the leading counterparts in third countries, based on specific country expertise in raw materials.</li></ul>	<p>Holistic approach, combining:</p> <ul style="list-style-type: none"><li>• Match-making between skills provision (available education) and employers' needs;</li><li>• Balance of regional demand and educational supply;</li><li>• Alignment of training and industry cyclicity.</li></ul> <p>Advance of a paradigm for optimized interaction and international collaboration between training centres, employers and professionals.</p>

## ACTIONS

- Defining a **skills catalogue** for the raw materials sector (WP1);
- **Mapping and collecting worldwide information** on existing technical and vocational training courses for raw materials industry professionals - including mid-level and professional skills, alongside high-level skills (WP1);
- Development of a **international repository** of existing training courses for the raw materials sector (WP1);
- Identification of **existing gaps** in education and training outcomes, considering existing and future employers needs (WP2);
- **Integration** of the appraisal of existing and emerging skills needs, and **recommendations** from past and existing EU projects on skills provision for the raw materials sector, in a robust roadmap on skills development (WP2);
- **Definition of a comprehensive competency model** for employment across the raw materials sector (WP2);
- Definition of **best training practices** and reference points for quality assurance and international recognition of training (WP3);

Immediate **enhancement of existing training programmes**, by filling existing gaps (introducing new topics) and incorporating training best practices (WP3);
- Development of **joint technical and vocational training programmes** for professionals (WP3);
- Designing the **international network** of raw materials training centres, and the corresponding strategic plan and infrastructure (WP4);
- Create an **Online Educational platform** for the raw materials sector (WP4);
- **Expand the international network** of raw materials training centres (WP4 and WP5);
- **Dissemination** and engagement with current and new stakeholders (WP5).

## OUTPUTS

- **Definition of existing and emerging skill gaps** in the raw materials sector (D1.1, D1.2, D2.1)
- Creation of a '**Integrated Competency Model**' for employment across the raw materials sector, defining the required mixes of skills, with capacity to proactively anticipate and adapt to changes in the skills mix (D2.3)
- Definition of a '**International Qualification Framework**' for the raw materials sector, fostering the balance between global demand of professionals (by employers) and the offer of alumnae/graduates from mid-level, technical and professional courses (D3.1, D3.2, D3.3)
- Definition of a '**Action Plan**' to close skill gaps and enhance existing education and training programmes for professionals (D3.4)
- Creation of a '**Roadmap**' to tackle medium and long term skills' needs (D2.2)
- **Alignment of training agendas** and curricula in Europe and worldwide, and development of cooperation plans among training providers and between them, the industry and professional organisations (D3.5, D4.4)
- **Leveraging international cooperation** on the provision of talent into the raw materials sector by setting an international network of raw materials training centres (D4.1, D4.2)
- Optimized interaction and collaboration among training centres throughout an open online Educational platform (D4.4)
- **Promotion of continuous professional development** in the primary and secondary materials sector (D3.3)

## IMPACTS

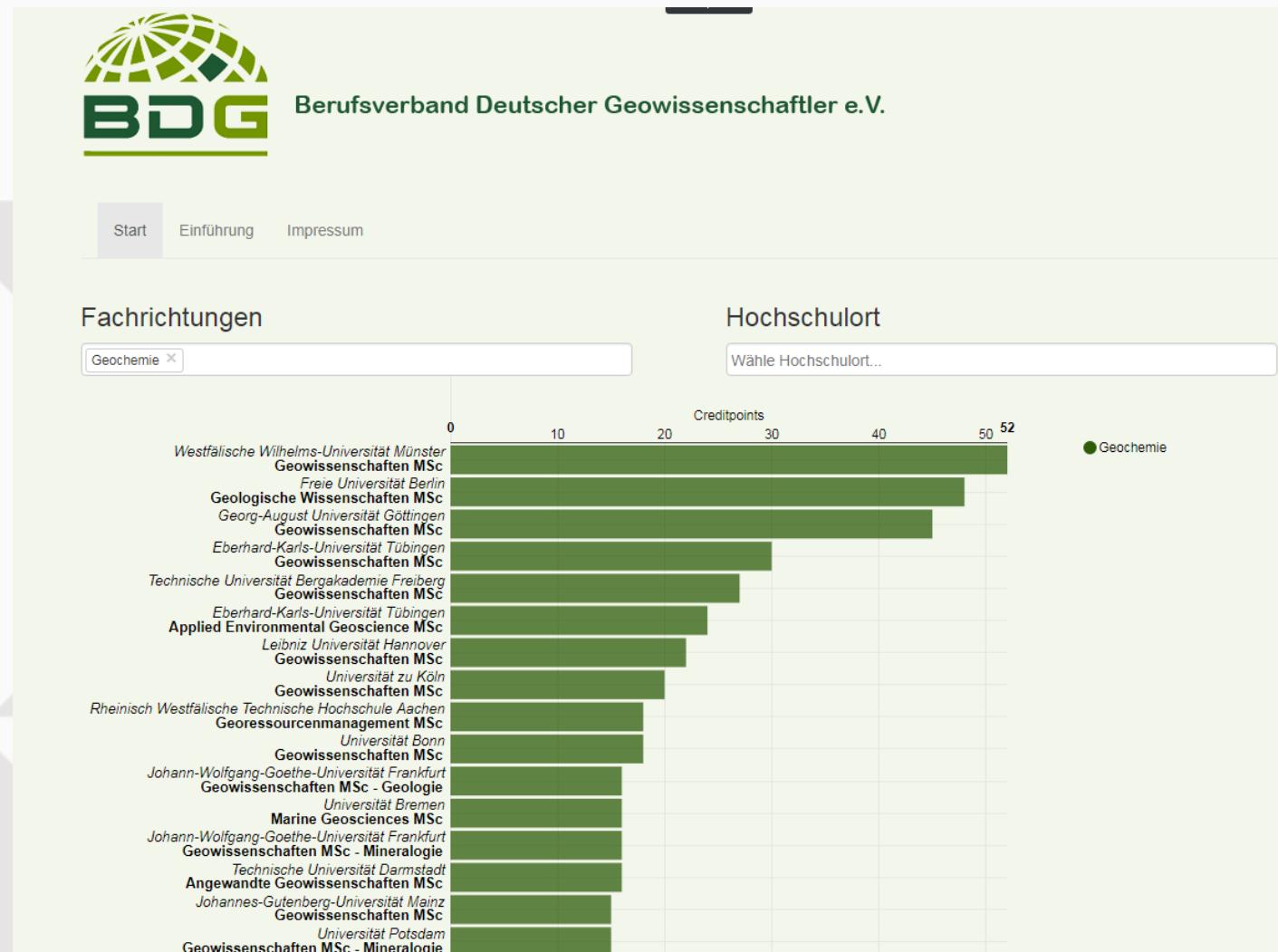
- Implementation of the Raw Materials Initiative and achieving the objectives of the EIP on Raw Materials, in particular in terms of establishing and maintaining strong and sustainable relationships with the leading training institutions in the relevant countries;
- Increasing the EU competence and expertise in the field of the primary and secondary raw materials;
- Improved availability of qualified and skilled workforce leading to higher competitiveness of the EU raw materials industry;
- Enhancing the possibility for new cross-sectorial innovation;
- Fostering international cooperation;
- Generate a feasible, long-lasting international network of technical and vocational training centres for raw materials' professionals.

INTERMIN will tackle the shortage of a raw materials' skilled workforce in Europe by **advancing a holistic approach**, taking into consideration:

- 1) Current and future **employers' needs** (assuming different contexts and technological scenarios) and **available skills** provision;
- 2) The dynamic balance of demand and educational supply in different world regions
- 3) The alignment of training and industry cyclicity

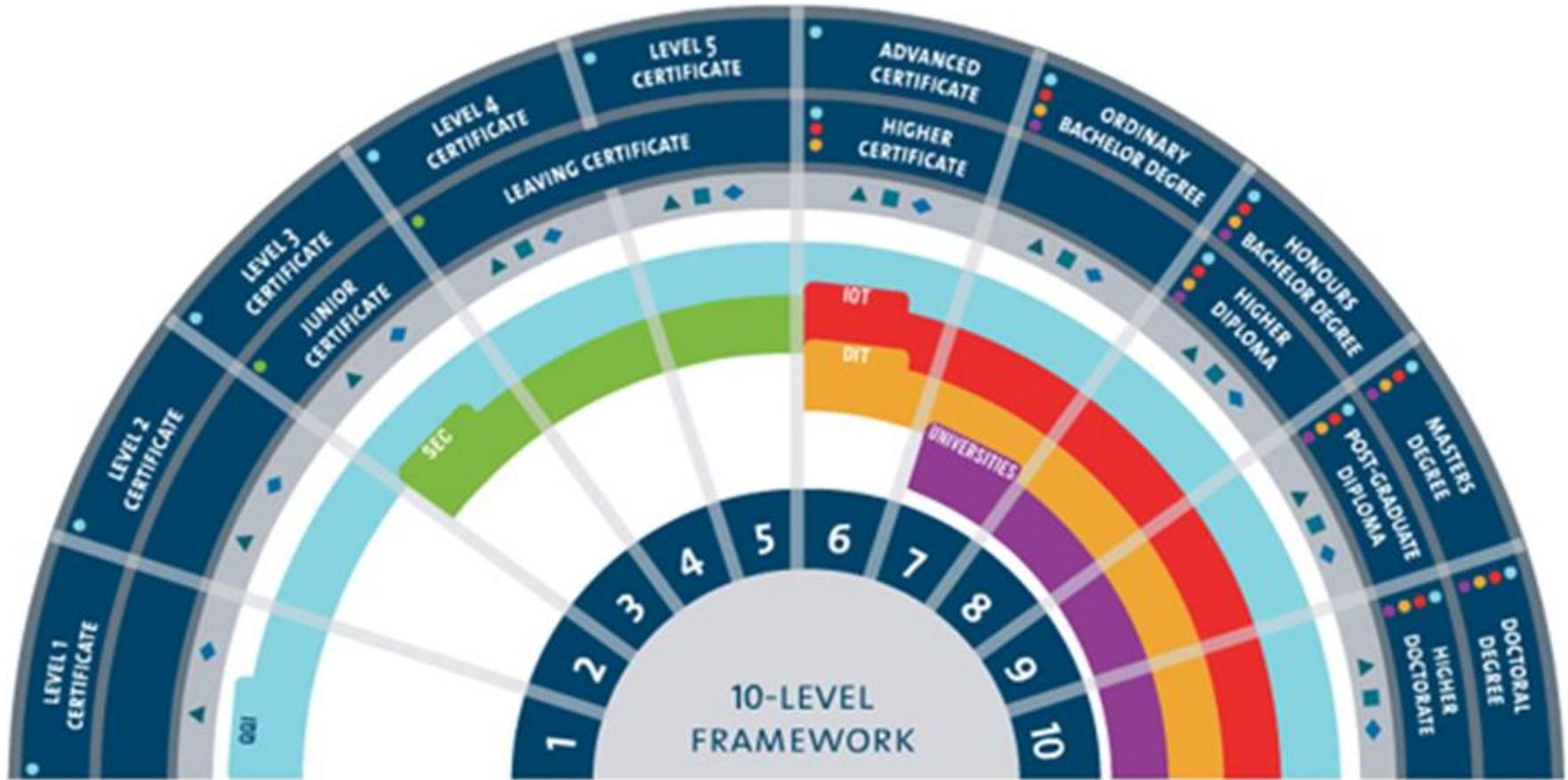
The methodological approach combines **collection of primary data** (surveys, interviews) and **secondary data** (desk research and benchmarking), to advance of a new paradigm for optimized interaction and collaboration between training centres, employers and professionals.

The project will optimize future interaction and collaboration in Europe and internationally with the help of the **INTERMIN online educational platform**.

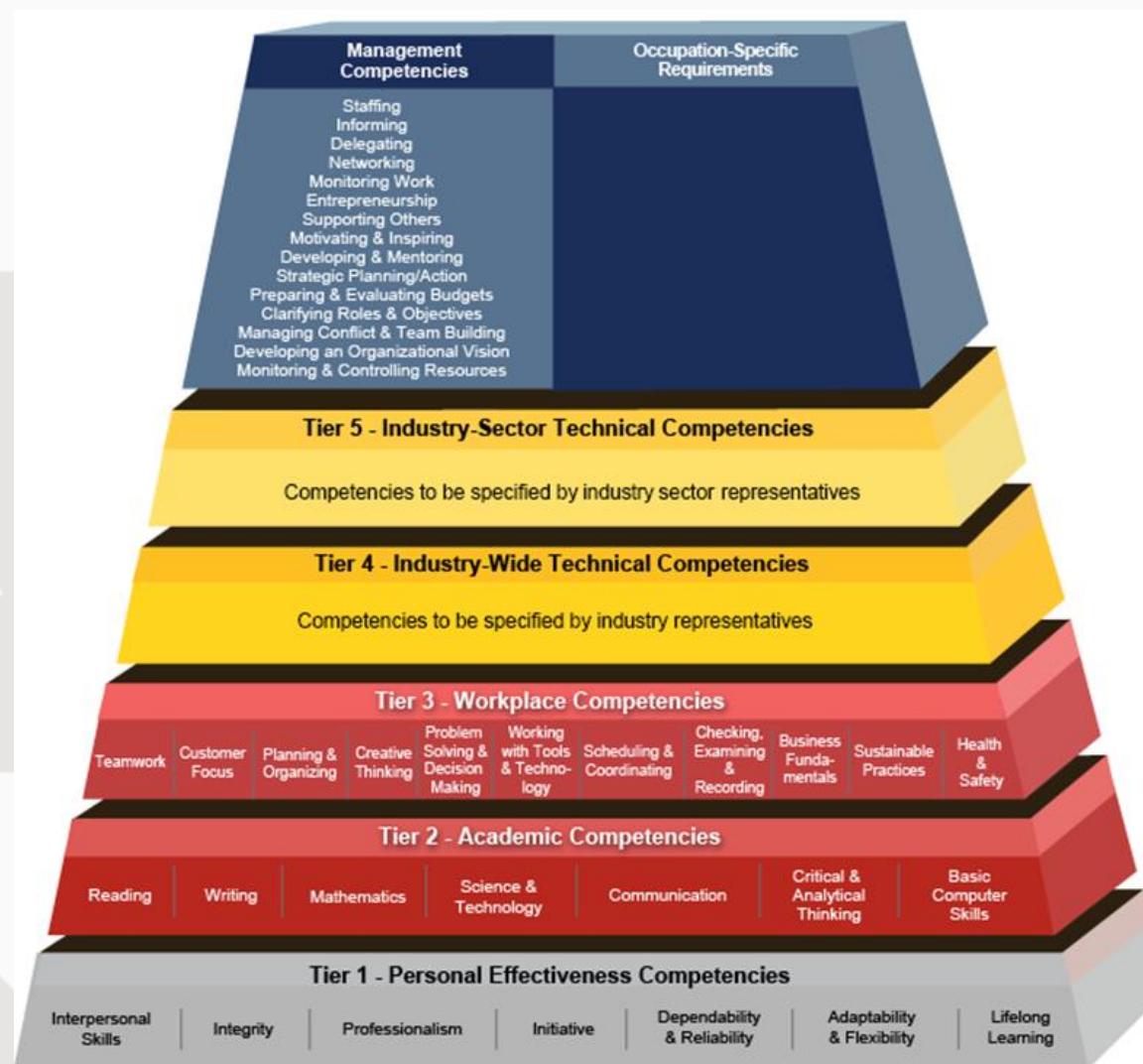


Search portal of the Professional Association of German Geoscientists (BDG) a member of the EFG

- To build up this network INTERMIN will signpost critical disconnects between available education and employers' needs, and it will advance short and medium-term actions to close current skills' gaps and enhance existing education and training at the international level.
- On the long-term, INTERMIN will enable mutual recognition of curricula, and will foster cooperation between employers, educational institutions and professional organisations to craft technical and vocational training programmes that offer continuing professional development and address future qualifications and skills' needs.
- The INTERMIN international network of technical and vocational training centres for professionals will ensure that common resources are leveraged to their best potential to create training programmes that match the needs of raw materials' employers and professionals.  
Collaboration will take full advantage of specialisation/capabilities of the network members, communication technologies and globalisation, hence using the Educational platform to deliver interactive online services that provide trainers and learners with information, tools and resources to support and enhance training delivery and management.



European Qualifications Framework



Building blocks of INTERMIN competence model

- INTERMIN sets the foundations for the establishment of a **common language for education and training** along the raw materials sector, increasing the mobility of professionals and strengthening the EU competence and expertise in the field of the primary and secondary raw materials.
- INTERMIN will play a key role in **boosting international cooperation** with industry, government, academia, NGOs and other stakeholders from key raw materials producing countries and regions, enhancing the possibility for new cross-sectorial innovation in Europe.
- INTERMIN will have substantial impact on **improving the availability of a qualified and skilled workforce** leading to higher competitiveness of the EU raw materials industry, thus strengthening the EU's capacity to influence raw materials supply on a global scale.
- INTERMIN creates a **long-lasting international network** of technical and vocational training centres for raw materials' professionals, hence establishing and maintaining strong and sustainable relationships with the leading training institutions from advanced mining countries.
- INTERMIN will contribute to the **implementation of the Raw Materials Initiative** and achieving the objectives of the EIP on Raw Materials.

In particular it will make direct contributions to establishing or facilitating:

- A Network of Research, Education and Training Centres on sustainable raw materials management organized as a Knowledge and Innovation Community
- A Pro-active international co-operation strategy of the EU at bilateral and multilateral level, promoting synergies with countries such as the US, Japan, Australia, Canada, Latin America and African Union across the different areas covered by the EIP.

It will provide educational and CPD training support to projects aimed at achieving the following targets:

1. Up to ten innovative pilot actions on exploration, mining, processing, and recycling for innovative production of raw materials
2. Substitutes for at least three applications of critical and scarce raw materials
3. Framework conditions for primary raw materials that would provide a stable and competitive supply from EU sources and facilitate its public acceptance
4. Framework conditions for enhanced efficiency in material use and in waste prevention, re-use and recycling, and raw materials efficient product design.

During the first six months, the consortium would produce the following results:

1.- **Skills catalogue for the raw materials sector.** This catalogue will report on the skills identified as the key skills for raw materials education, this includes the definition of a coherent system of skills (and the corresponding boundary) used by the raw materials sector.

2.- **Communication Plan.** The Communication Plan will carefully identify prospective target audiences (e.g. postgraduate students, young professionals, teachers and educators, training centres, research centres and universities, industry representatives, professional organisations, policy makers, science communicators, interested NGOs), and will develop appropriate tailored messages to facilitate identification with INTERMIN objectives and expected results.

3.- **Hub and spoke website.** The 'hub and spoke' website will combine all possible platforms for general communication.

4.- **Project Management Plan.** This plan will cover project consortium management (preparation of the consortium agreement, internal communication and decision structures, oversight and quality control of WP implementation, anticipating risks and resolving conflicts) and representation of the project towards external stakeholders (including the establishment of efficient communication and reporting structures, project documentation and timely submission of deliverables).

5.- **Procedures on Ethics Requirement and Data Management plan.** The DMP will address the procedures for gender issues and ethics.

## • 1º El Commitment (Oct 2016)

- Firmado por:

- EuroGeosurveys
- Servicios geológicos de
  - Hungría, Suecia, España,
  - Croacia, Rep. Checa,
  - Estonia, Finlandia, Francia
  - Grecia, Italia, Portugal
  - Polonia, Eslovaquia, Eslovenia
  - Ucrania

<https://ec.europa.eu/growth/tools-databases/eip-rw-materials/en/content/international-network-training-centres-mineral-resources>



### European Innovation Partnership on Raw Materials

#### Application for a Raw Materials Commitment

#### International network for training centres on mineral resources

##### Acronym:

INTERMIN

##### Abstract / executive summary:

This commitment is a contribution by certain European National Geological Surveys (NGS), represented by their umbrella organization, EuroGeoSurveys (EGS). Building on existing European and global cooperation and dialogues on mineral raw materials, they will promote and mobilize European institutions and partners in creating relevant networks. In addition, worldwide institutions and partners will also be identified and initial contact made with them, alerting them to the upcoming plan to develop an international network of raw materials training centres. In order to achieve this objective, the INTERMIN Commitment is aiming to:

- a) Identify the principal centres of excellence in Europe and around the world in raw materials training;
- b) Map EU institutions for:
  - (i) Their skills, areas of expertise and knowledge levels
  - (ii) Key knowledge gaps
- c) Identify the current and emerging needs for the raw materials sector;
- d) Establish common training programme requirements for the raw materials sector;
- e) Develop a draft European roadmap for improving skills and knowledge.

##### Links to the Strategic Implementation Plan:

- III. International Cooperation Pillar
  - III. International Cooperation Pillar
    - Action area n° III.4: Skills, Education and Knowledge
      - **1) Develop educational cooperation programme with countries of high expertise**
      - **2) Provide support to establishment of African Mineral Development Centre**
      - **3) Establish regular contacts with countries in Latin America**

##### Coverage of the Action Areas referred to above:

In line with the EU's strategy for international co-operation in research and innovation (COM(2012)497), international collaboration is required. Where appropriate, synergies with the

- 2º La call (dic 2016)

c) **International network of raw materials training centres (2017):** Proposals should create a self sustainable long-term lasting international network of training centres for professionals. The proposals should involve educational and research institutions in the EU and the leading counterparts in third countries, based on specific country expertise in the primary and secondary raw materials sectors. The network should map skills and knowledge in the EU and the third countries, identify key knowledge gaps and emerging needs, develop roadmap for improving skills and knowledge, as well as establish common training programmes in the raw materials sectors. In line with the EU's strategy for international cooperation in research and innovation (COM(2012)497), international collaboration is required. Where appropriate, synergies with the relevant EU Member States initiatives are to be explored and fostered.

The Commission considers that proposals requesting a contribution from the EU of up to EUR 1 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected Impact:

The project is expected to contribute to:

- a) implementation of the Raw Materials Initiative and achieving the objectives of the EIP on Raw Materials, in particular in terms of establishing and maintaining strong and sustainable relationships with the countries concerned, in particular with Japan and US; better informed decision-making by authorities and companies at the EU and global levels; better understanding of global raw materials flows and market trends;
- b) implementation of the Raw Materials Initiative and achieving the objectives of the EIP on Raw Materials, in particular in terms of establishing and maintaining strong and sustainable relationships with the relevant international organisations and countries; fair and unrestricted access to raw materials worldwide; economic stability in the raw materials supply at a global level; better informed decision-making at EU and global levels;
- c) implementation of the Raw Materials Initiative and achieving the objectives of the EIP on Raw Materials, in particular in terms of establishing and maintaining strong and sustainable relationships with the leading training institutions in the relevant countries; increasing the EU competence and expertise in the field of the primary and secondary raw materials; improved availability of qualified and skilled workforce leading to higher competitiveness of the EU raw materials industry; enhancing the possibility for new cross sectorial innovations.

Crosscutting Priorities: International cooperation

[1][http://ec.europa.eu/growth/sectors/rawmaterials/policystrategy/index\\_en.htm](http://ec.europa.eu/growth/sectors/rawmaterials/policystrategy/index_en.htm)

- El grupo de trabajo de recursos minerales del EuroGeosurveys acuerda que el IGME coordine (Lisboa nov 2016)
- Primeras ideas de WP (Dic 2016)
- Incorporación al IGME de L.Jordá (En 2017)
- Alta en ECAS
- Constitución del consorcio (En-Marz 2017)
- Redacción on-line de la propuesta
- Debate presupuesto
- Presentación propuesta (Marzo 2017)

Participant	Country	(A) Direct personnel costs/€	(B) Other direct costs/€	(C) Direct costs of sub-contracting	(D) Direct costs of providing financial support to third parties/€	(E) Costs of inkind contributions not used on the beneficiary's premise/€	(F) Indirect Costs / € (=0.25(A+B+E))	(G) Special unit costs covering direct & indirect costs / € (=A+B+C+D+F+G)	(H) Total estimated eligible costs / € (=A+B+C+D+F+G)	(I) Reimbursement rate (%)	(J) Max. EU Contribution / € (=H*I)	(K) Requested EU Contribution / €
IGME	SPAIN	93.750,00 €	47.500,00 €				35.312,50 €	176.562,50 €	100	176.562,50 €	176.562,50	
EGS	BELGIUM	73.800,00 €	58.320,00 €		75.000,00 €		33.030,00 €	240.150,00 €	100	240.150,00 €	240.150,00	
BRGM	FRANCE	29.955,40 €	22.500,00 €				13.113,85 €	65.569,25 €	100	65.569,25 €	65.569,25	
ASGMI	SPAIN	30.000,00 €	7.500,00 €				9.375,00 €	46.875,00 €	100	46.875,00 €	46.875,00	
LPRC	SPAIN	72.000,00 €	7.500,00 €				19.875,00 €	99.375,00 €	100	99.375,00 €	99.375,00	
UPM	SPAIN	69.000,00 €	7.500,00 €				19.125,00 €	95.625,00 €	100	95.625,00 €	95.625,00	
EFG	BELGIUM	75.000,00 €	7.500,00 €				20.625,00 €	103.125,00 €	100	103.125,00 €	103.125,00	
MUL	AUSTRIA	66.000,00 €	7.500,00 €				18.375,00 €	91.875,00 €	100	91.875,00 €	91.875,00	
CCOP	ASIA	13.196,70 €	9.000,00 €				5.549,18 €	27.745,88 €	100	27.745,88 €	27.745,88	
AGI	USA	30.000,00 €	9.000,00 €				9.750,00 €	48.750,00 €	100	48.750,00 €	48.750,00	
UQ	AUSTRALIA	24.000,00 €	9.000,00 €				8.250,00 €	41.250,00 €	100	41.250,00 €	41.250,00	
PGI	POLAND	6.665,00 €	14.000,00 €				5.166,25 €	25.831,25 €	100	25.831,25 €	25.831,25	
IMA-EU	BRUSSELS	25.125,00 €	4.000,00 €				7.281,25 €	36.406,25 €	100	36.406,25 €	36.406,25	
YES	BRUSSELS	21.000,00 €	4.000,00 €				6.250,00 €	31.250,00 €	100	31.250,00 €	31.250,00	
SGU	SWEDEN	30.000,00 €	4.000,00 €				8.500,00 €	42.500,00 €	100	42.500,00 €	42.500,00	
		659.492,10 €	218.820,00 €		75.000,00 €		219.578,03 €	1.172.890,13 €		1.172.890,13 €	1.172.890,13	

#### Draft work packages outline and respective tasks

##### WP1 – Worldwide educational-research institutions in raw materials and resources mapping

- T1.1 Educational and research centers identification (academia, geological surveys, professional associations, Society for Geology Applied to Mineral Deposits – SGA-, International Geoscience Programme –IGCP-, etc.) with their skills
- T1.2 Resources identification (UNESCO, UNEP, national cooperation agencies, etc.)

##### WP2 – Raw materials sector skills, gaps and emerging needs in knowledge

- T2.1 Raw materials skills mapping
- T2.2 Raw materials educational gaps identification
- T2.3 Raw materials emerging needs scope study

##### WP3 – Common training programme

- T3.1 Raw materials sector gaps and needs in knowledge versus educational skills. Comparison by region
- T3.2 Sector needs and financial resources synergies
- T3.3 Roadmap for improving skills and knowledge
- T3.4 Common training programmes design in raw materials

##### WP4 - Long term raw materials training centers network

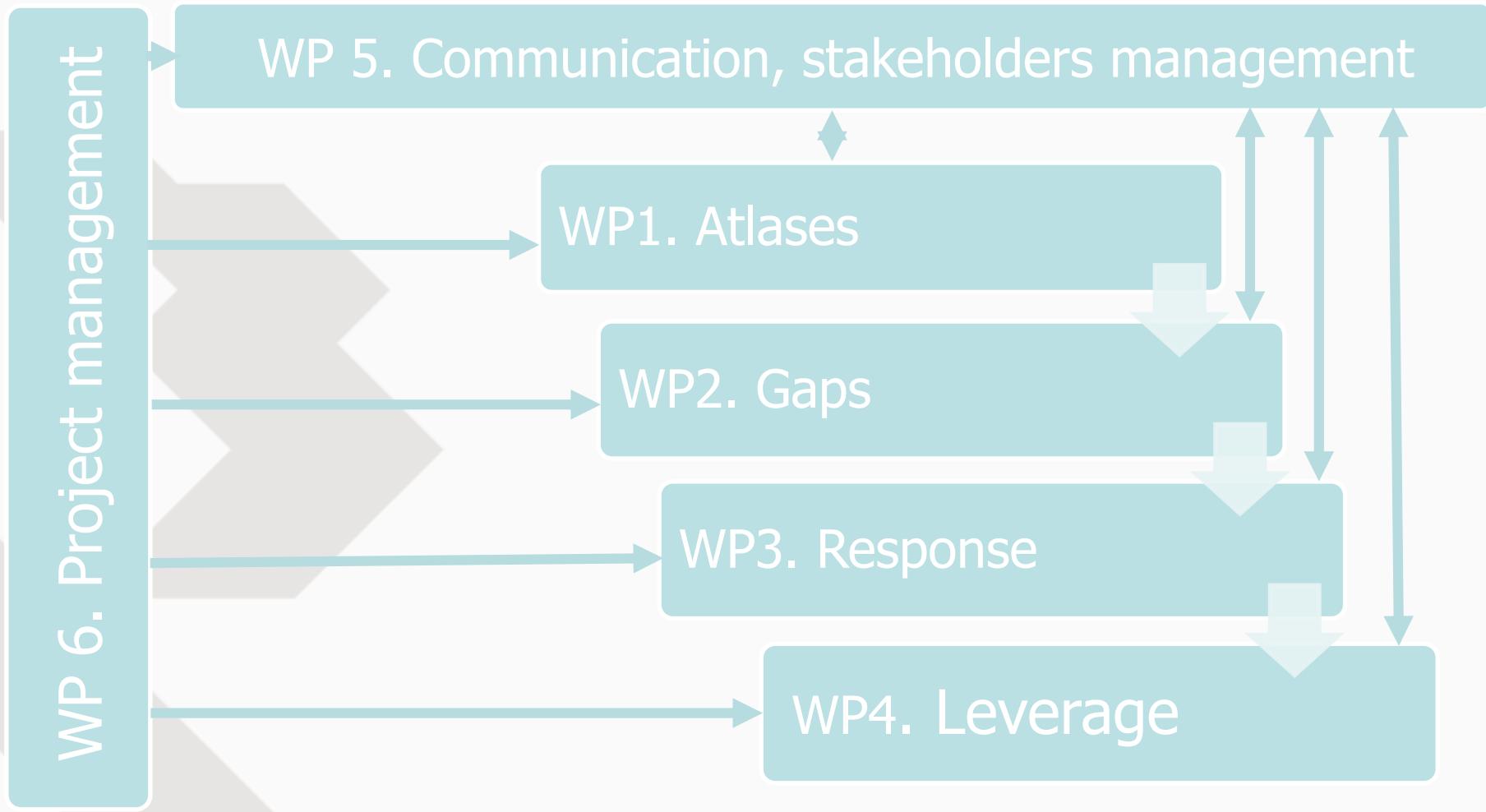
- T4.1 Scope and membership structure
- T4.2 Legal base
- T4.3 Financial base|
- T4.4 Network implementation

##### WP5 – Communication, Dissemination and Exploitation

- T5.1 Project Website
- T5.2 Communication, Dissemination and Exploitation Plans
- T5.3 Educational platform design

##### WP6 - Project management

- T6.1 Coordination of project activities
- T6.2 Reporting
- T6.3 Legal and financial management
- T6.4 Meetings
- T6.5 Gender issues
- T6.6 Ethics management
- T6.7 Risk management





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**My Proposal(s)**

**My Project(s)**

My Notification(s) **60**

My Formal Notification(s)

My Expert Area

**My projects**   

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Depending on your roles, you can view or manage the following project-related tasks:

- Prepare and sign your grant agreement
- Submit amendments to your grant agreement
- Manage your scientific and financial reports
- View or manage roles and access rights in your projects consortia

If you are LEAR and want to see the full list of your organisation projects, please go to **My Organisations** and click on the action button **VP**. LEAR can only view the list of projects in which their organisation is involved. If you want to see project details, your organisation main contact for this project or the project Coordinator has to give you access rights. For more details see the [H2020 online manual](#).

**Legend**

 AA	Access Amendment	 GP	Grant Preparation	 MP	Manage Projects	 FR	Financial Reporting
 PR	Periodic Reporting	 RD	Reporting & Deliverables	 PC	Project Consortium	 VP	View Proposal

Show 10 entries  Hide closed projects Search:

ACRONYM	CALL	PROGRAM	PROJECT	PHASE	ACTIONS
GeoERA	H2020-LCE-2016- ERA	H2020	731166	Active	  
intermin	H2020-SC5-2017- OneStageB	H2020	776642	Active	  
MIN-GUIDE	H2020-SC5-2015- one-stage	H2020	689527	Active	  
ORAMA	H2020-SC5-2017- OneStageB	H2020	776517	Active	  

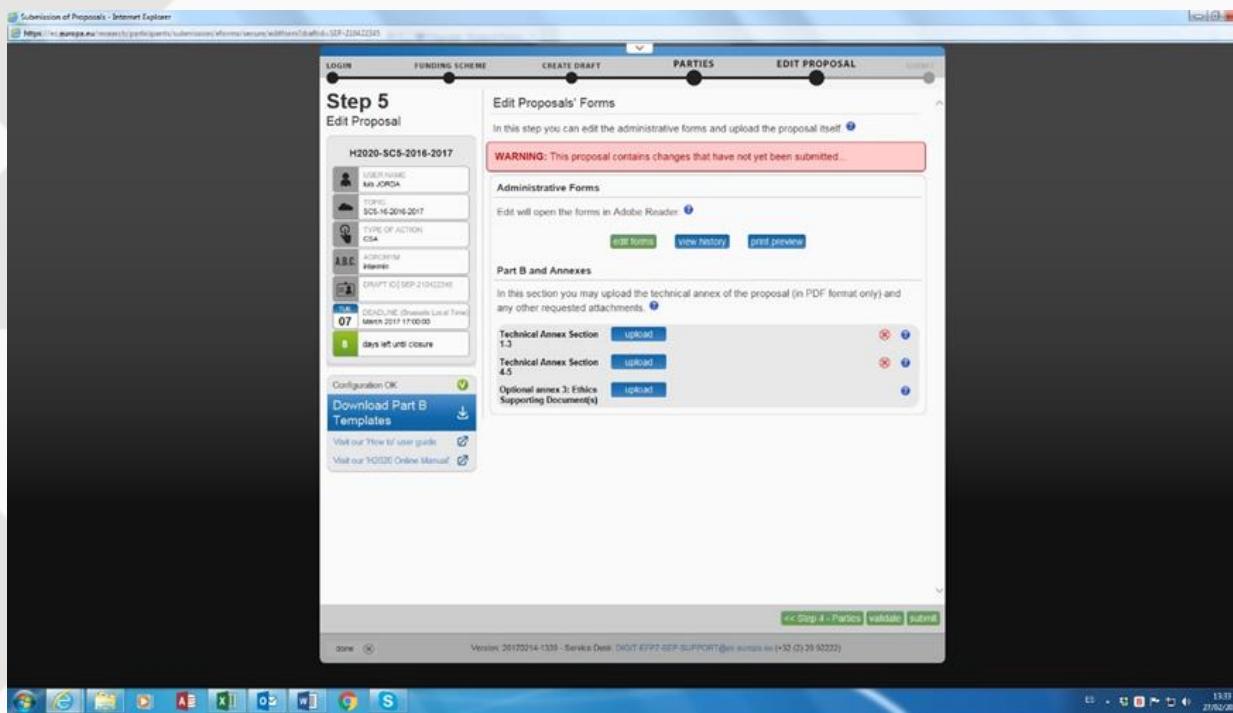
Showing 1 to 4 of 4 entries.  PREVIOUS 1 NEXT 

- Se comienza a involucrar a los socios mas activos y con mas experiencia pues la fecha es muy justa (quedan dos meses): LPRC, EGS y EFG (Vitor)
- Claves:
- Descargar todos los templates y darse de alta en el portal, conocer entresijos y cuellos de botella. Registrarse en el sistema y acceder directamente a esa call, saber si es 1 stage o 2 stage process. Este era 1 stage,
- Conocer a los socios, involucrarles y hacer muchos Skype conferences en grupo y con responsables de tareas muy especificas.
- Compromisos claros desde el principio
- Un líder que todos identifiquen como el responsable de la parte administrativa, otro a nivel institucional, puede o no ser el mismo (mejor no). Que se complementen bien

- Empezar a estructurar la propuesta cuanto antes en modo WP , task , WP leaders, task partners y 2rd parties, facilita mucho las cosas. No ir a otro tipo de esquemas que no estén alineados con la forma específica de presentar los documentos en el portal,
- Parte de la información se sube directamente en menus desplegables – saber cuál es
- Otras se suben a “trozos ” en templates, descargarlos lo antes posible desde la propia aplicación y rellenarlos SOBRE FORMATO, para ganar tiempo y no olvidarnos de nada

- Registro en el portal ECAS de todos los socios, inicio a familiarizarse con el mismo, intuitivo, parte gestión, parte económica etc. Conocer roles de cada participante de la institución: quien firma, quien puede “submit” para que no haya problemas de retrasos en los hitos cruciales
- Dejamos el documento que teníamos y empezamos a trabajar en el primer documento Word “template” oficial y viendo los campos que tiene que poner en el sistema: parte A y parte B memoria y descripciones técnicas
- La parte B se sube tal cual, la A se vuelca por parte en diferentes pestañas (coordinador)

- Dejamos el documento que teníamos y empezamos a trabajar en el primer documento Word “template” oficial y viendo los campos que tiene que poner en el sistema: parte A y parte B memoria y descripciones técnicas
- La parte B se sube tal cual, la A se vuelca por parte en diferentes pestañas (coordinador)



- Durante el proposal Preparamos el presupuesto con un excel con los mismos campos que nos pide el portal (ver imagen arriba). Los campos que no piden y las justificaciones internas las ponemos aparte, se guardan como algo interno
- Entregamos en el portal dos días antes de la fecha tope (inicio de marzo). Esperamos a julio para la resolución y apertura del Grant Agreement preparation. Descanso

European Commission  
Research & Innovation - Participant Portal  
Proposal Submission Forms

Proposal ID SEP-210422345 Acronym intermin Go to Table of Contents Validate Form Save and Close

3 - Budget for the proposal

No	Participant	Country	(A) Direct personnel costs/€	(B) Other direct costs/€	(C) Direct costs of subcontracting/€	(D) Direct costs of providing financial support to third parties/€	(E) Costs of inkind contributions not used on the beneficiary's premises/€ $(=0.25(A+B-E))$	(F) Indirect Costs / €	(G) Special unit costs covering direct & indirect costs / €	(H) Total estimated eligible costs / € $(=A+B+C+D+F+G)$	(I) Reimbursement rate (%)	(J) Max.EU Contribution / € $(=H*I)$	(K) Requested EU Contribution / €
1	Igme	ES	93750	47500	71584	0	0	35312,50	0	248146,50	100	248146,50	248146,50
2	Egs	BE	73800	58320	0	0	0	33030,00	0	165150,00	100	165150,00	165150,00
3	Brgm	FR	20955	22500	0	0	0	13113,75	0	65568,75	100	65568,75	65568,75
4	Asociación De Servicios De Geología Y	ES	30000	7500	0	0	0	9375,00	0	46875,00	100	46875,00	46875,00
5	Lpro	ES	72000	7500	0	0	0	19875,00	0	99375,00	100	99375,00	99375,00
6	Upm	ES	69000	7500	0	0	0	19125,00	0	95625,00	100	95625,00	95625,00
7	Federation Européenne Des	FR	75000	7500	0	0	0	20625,00	0	103125,00	100	103125,00	103125,00
8	Mul	AT	66000	7500	0	0	0	18375,00	0	91875,00	100	91875,00	91875,00
9	Coop	TH	25800	9000	0	0	0	8700,00	0	43500,00	100	43500,00	43500,00
10	American Geological Institute	US	30000	9000	0	0	0	9750,00	0	48750,00	100	48750,00	48750,00

H2020-CP-2016-v2.pdf Ver1.00 20170223 Page 48 of 53 Last saved 03/03/2017 11:33:41

- 14 de julio de 2017. Notificación éxito de la propuesta. El IGME coordinará por primera vez en sus 169 años de historia un proyecto europeo
- Se notifica quien es el Project Officer y las fechas para la preparación de varios documentos online y firmas.

Grant Agreement number: 776642 — intermin — H2020-SC5-2016-2017/H2020-SC5-2017-OneStageB



**EUROPEAN COMMISSION**  
Executive Agency for Small and Medium-sized Enterprises  
H2020 Environment & Resources



## GRANT AGREEMENT DATA SHEET

Grant Agreement (GA) No: 776642

Acronym: intermin

Title: INTERNATIONAL NETWORK OF RAW MATERIALS TRAINING CENTRES

Call/Topic: Raw materials international co-operation

Type of action: Coordination and support action

Granted by:

Consortium agreement required: Yes

Collaboration agreement required: No

Coordination agreement required: No

Duration (in months): 36

Starting Date: the first day of the month following the entry into force of the Grant Agreement

End date:

Reimbursement rate: 100% of the action's eligible costs

Total costs (including non-EU funded)	Total costs	Maximum grant amount	Forms of costs
1,266,021.25	1,165,083.75	1,266,021.25	actual, flat rate, unit

Prefinancing and guarantees:

Prefinancing amount	Guarantee fund Amount
1,012,817.00	63,301.06

Associated with document Ref. Ares(2017)2640185 - 24/05/2017

<b>Proposal Evaluation Form</b>	
	<b>EUROPEAN COMMISSION</b> Horizon 2020 - Research and Innovation Framework Programme
<b>Evaluation Summary Report - Coordination and support actions</b>	

Call:	H2020-SC5-2017-OneStageB
Funding scheme:	CSA
Proposal number:	776642
Proposal acronym:	intermin
Duration (months):	36
Proposal title:	INTERNATIONAL NETWORK OF RAW MATERIALS TRAINING CENTRES
Activity:	SC5-15-16-2017
N.	Proposer name
1	INSTITUTO GEOLOGICO Y MINERO DE ESPANA
2	EuroGeoSurveys - EGS
3	BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES
4	Asociación de Servicios de Geología y Minería Iberoamericanos
5	LA PALMA RESEARCH CENTRE FOR FUTURE STUDIES SL
6	UNIVERSIDAD POLITECNICA DE MADRID
7	FEDERATION EUROPEENNE DES GEOLOGUES
8	MONTANUNIVERSITAT LEOBEN
9	The Coordinating Committee for Geoscience Programmes in East and Southeast Asia
10	AMERICAN GEOLOGICAL INSTITUTE
11	THE UNIVERSITY OF QUEENSLAND
12	PANSTWOWY INSTYTUT GEOLOGICZNY - PANSTWOWY INSTYTUT BADAĆCY
13	Young Earth Scientists Network
14	SVERIGES GEOLOGISKA UNDERSÖKNING
	Total:
	ES 185,937.5 BE 288,755 FR 78,378.75 ES 50,625 ES 99,375 ES 106,875 FR 129,375 AT 99,375 TH 30,431.25 US 55,937.5 AU 45,000 PL 25,643.75 BE 41,250 SE 29,062.5
	22.81% 288,755 6.19% 78,378.75 4.00% 99,375 8.44% 129,375 99,375 2.40% 55,937.5 3.55% 25,643.75 41,250 2.30% 1,266,021.25
	14.69% 22.81% 6.19% 4.00% 99,375 7.85% 10.22% 7.85% 2.40% 4.42% 45,000 2.03% 3.26% 29,062.5 14.69% 22.81% 6.19% 4.00% 99,375 7.85% 10.22% 7.85% 2.40% 4.42% 3.55% 2.03% 3.26% 2.30%
	185,937.5 288,755 78,378.75 50,625 99,375 106,875 129,375 99,375 30,431.25 55,937.5 45,000 25,643.75 41,250 29,062.5 1,266,021.25

### Abstract:

iINTERMIN will create a self-sustainable long-term lasting international network of training centres for professionals. This project involves educational and research institutions in the EU and the leading counterparts in third countries, based on specific country expertise in the primary and secondary raw materials sectors. The network will map skills and knowledge in the EU and the third countries, identify key knowledge gaps and emerging needs, develop roadmap for improving skills and knowledge, as well as establish common training programmes in the raw materials sectors. In line with the EU's strategy for international co-operation in research and innovation (COM(2012)497), the consortium will seek international collaboration, fostering and exploring synergies with the relevant EU Member States initiatives.

### Evaluation Summary Report

#### Evaluation Result

**Total score: 12.00 (Threshold: 10)**

#### Form information

#### SCORING

Scores must be in the range 0-5.

#### Interpretation of the score:

- 0- The proposal fails to address the criterion or cannot be assessed due to missing or incomplete information.
- 1- Poor. The criterion is inadequately addressed, or there are serious inherent weaknesses.
- 2- Fair. The proposal broadly addresses the criterion, but there are significant weaknesses.
- 3- Good. The proposal addresses the criterion well, but a number of shortcomings are present.
- 4- Very good. The proposal addresses the criterion very well, but a small number of shortcomings are present.
- 5- Excellent. The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

#### Criterion 1 - Excellence

Score: **4.00** (Threshold: 3/5.00 , Weight: -)

The following aspects will be taken into account, to the extent that the proposed work corresponds to the topic description in the work programme.

#### Clarity and pertinence of the objectives

The proposal is clear, very well written and pertinent to the work programme objectives. It is aimed at creating an international network centre for raw materials professionals, in the field of primary and secondary raw materials. International collaboration is ensured by the participation

- Preparación del Grant Agreement y anexos. Hay 3 semanas desde la recepción de la notificación y nos pilla en medio del verano. Consiste en readaptar los documentos de la propuesta según multitud de pestañas
- La aplicación de ECAS cambia completamente de forma, y se abre una nueva etapa con menús desplegables diferentes. Menos información a subir en “templates” y mas en pestañas desplegables.
- Todos los socios, si tienen el rol adecuado pueden entrar y modificar, de hecho dos de ellos fueron muy activos (LPRC y MUL) a otros hubo que hacer la parte común y la suya propia.
- Menos peso a documentos tipo Word (templates) multiples pestañas y menús, 75% trabajo ya hecho simplemente es recolocar cada apartado en diferentes pestañas. Paquetes trabajo y entregables. Pero lleva tiempo, no dejar campos en blanco, algunos raros como el tema ético, ante la duda y si no se llega en plazo se pone algo básico de tal forma que desbloquee el icono rojo.

- Los cuadros en rojo que bloquean identificarlos, aprender en seguida a brujulear por las nuevas apariencias de la aplicación (va variando a medida que el proyecto avanza). Esto es crucial para no atascarse y sobre todo agobiarse preparando material que luego hay que subir “de otra manera”
- Aprobación del proyecto, asignación de Project Officer y Financial Officer. Se les puede y debe preguntar cuando hay dudas, mas efectivo en esta etapa que usar el portal de ayuda (que en el proposal usamos mucho)
- Los “officer”. No son los malos, no bombardearles, correos oficiales de temas de entregas a través del sistema, temas menores directamente por mail. Solo el coordinador, no el resto de participantes

SyGMA - System for Grant Management - Google Chrome

Es seguro | https://ec.europa.eu/research/participants/grants/api/grants/2020/H2020/776642?token=51-2916880-b2fb1046060948f4d3c092eef81baa9a7wzXHG2tqOG57Cpgn1Kz7CqzrhjXkfuWNg-PhJLUMV5CYC5WHRR1EUW-zu3ENGPZ7Qd5AN42vQ2lETM6F-f5a1252vy21znH4U

agregar (EXTERNA)

**Grant Management**

Project Summary Beneficiaries General Information Reporting Periods GA Options Financial Information LF Overview Work Packages Deliverables Milestones Reviews Critical Risks Ethics Info

Call: H2020-SGS-2016-2017 Topic: SGS-16-2016-2017 Unit: EASME/B/OD

DOCUMENTS

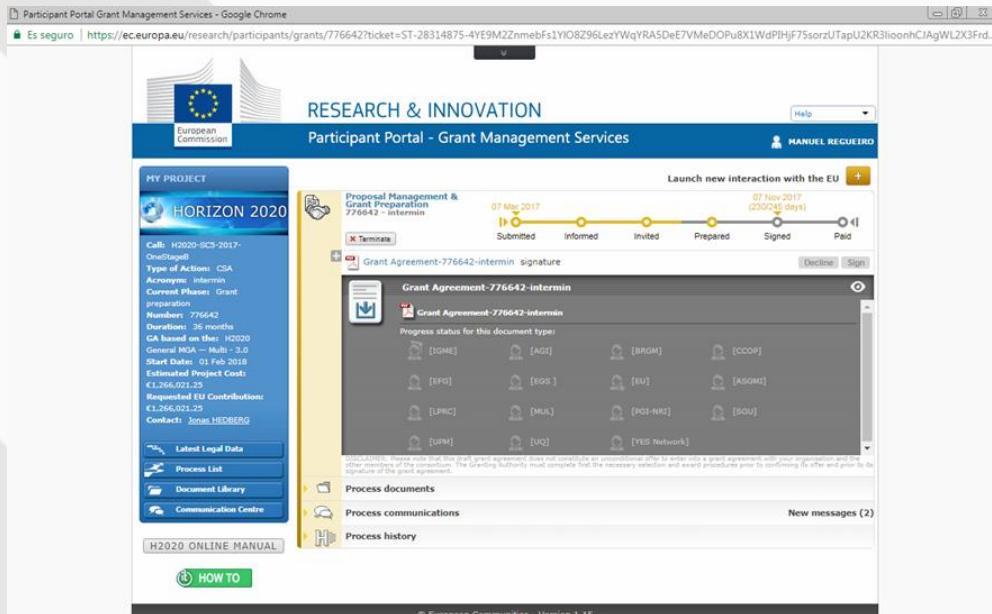
Beneficiaries

Member	Short Name	Legal Name	Role	Country	PIC	PIC Status	Action
1	IGME	INSTITUTO GEOLOGICO Y MINERO DE ESPAÑA	CO	ES	998737803	VALIDATED	
2	EGS	EuroGeosurveys - EGS	BEN	BE	881544602	VALIDATED	
3	CGS	CESKA GEOLOGICKA SLUZBA	TP	CZ	999546783	VALIDATED	
4	GeoInform	STATE RESEARCH AND DEVELOPMENT ENTERPRISE STATE INFORMATION GEOLOGICAL FUND OF UKRAINE	TP	UA	947331392	VALIDATED	
5	LNEG	Laboratorio Nacional de Energía e Geología I.P.	TP	PT	994187921	VALIDATED	
6	HBSZ	HUNGARIAN OFFICE FOR MINING AND GEOLOGY	TP	HU	867972364	VALIDATED	
7	IGME GR	INSTITUTO GEOLOGICO KAI METALLURGISCHE FORSCHUNG	TP	EL	825968015	VALIDATED	
8	BRGM	BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES	BEN	FR	999993662	VALIDATED	
9	ASGHI	Asociación de Servicios de Geología y Minería Iberoamericana	BEN	ES	928906145	SLEEPING	
10	LPRC	LA PALMA RESEARCH CENTRE FOR FUTURE STUDIES SL	BEN	ES	954900496	VALIDATED	
11	UPM	UNIVERSIDAD POLITÉCNICA DE MADRID	BEN	ES	999974844	VALIDATED	
12	FGG	FEDERATION EUROPEENNE DES GEOLOGUES	BEN	FR	983718392	VALIDATED	
13	MUL	MONTANUNIVERSITÄT LEOBEN	BEN	AT	999898117	VALIDATED	
14	CCOP	The Coordinating Committee for Geoscience Programmes in East and Southeast Asia	BEN	TH	911407467	DECLARED	
15	AGI	AMERICAN GEOLOGICAL INSTITUTE	BEN	US	941110588	VALIDATED	
16	RQ	THE UNIVERSITY OF QUEENSLAND	BEN	AU	999881724	VALIDATED	
17	PGI NRI	PANSTWOWY INSTYTUT GEOLICZNY - PANSTWOWY INSTYTUT BADAŃCZY	BEN	PL	999492483	VALIDATED	
18	YES Network	Young Earth Scientists Network	BEN	SE	922943167	SLEEPING	
19	SGU	SVERIGES GEOLOGISKA UNDERSÖKNING	BEN	SE	999575991	VALIDATED	

Ejemplo de multitud de pestañas y menús desplegables en la fase de Grant Agreement, mucho común con lo ya preparado pero hay que recolocarlo y desarrollarlo en el lugar adecuado. Nos llevo dos semanas a tiempo completo

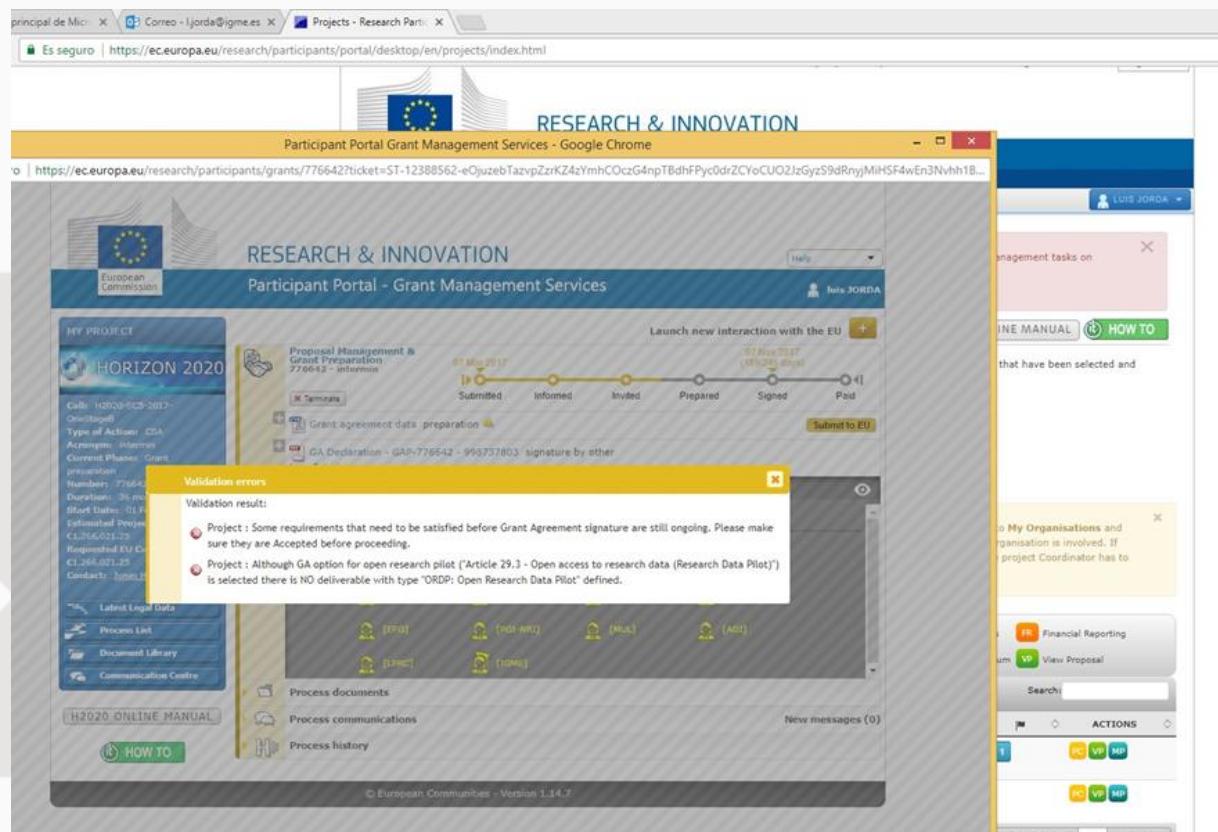
- Firma de todos los socios (uno a uno) 6 semanas. DoH declaración de honor. Muchos problemas pues muchos no tienen activo el LEAR (el responsable legal)

Responsabilidades de los socios, identificar y perseguir

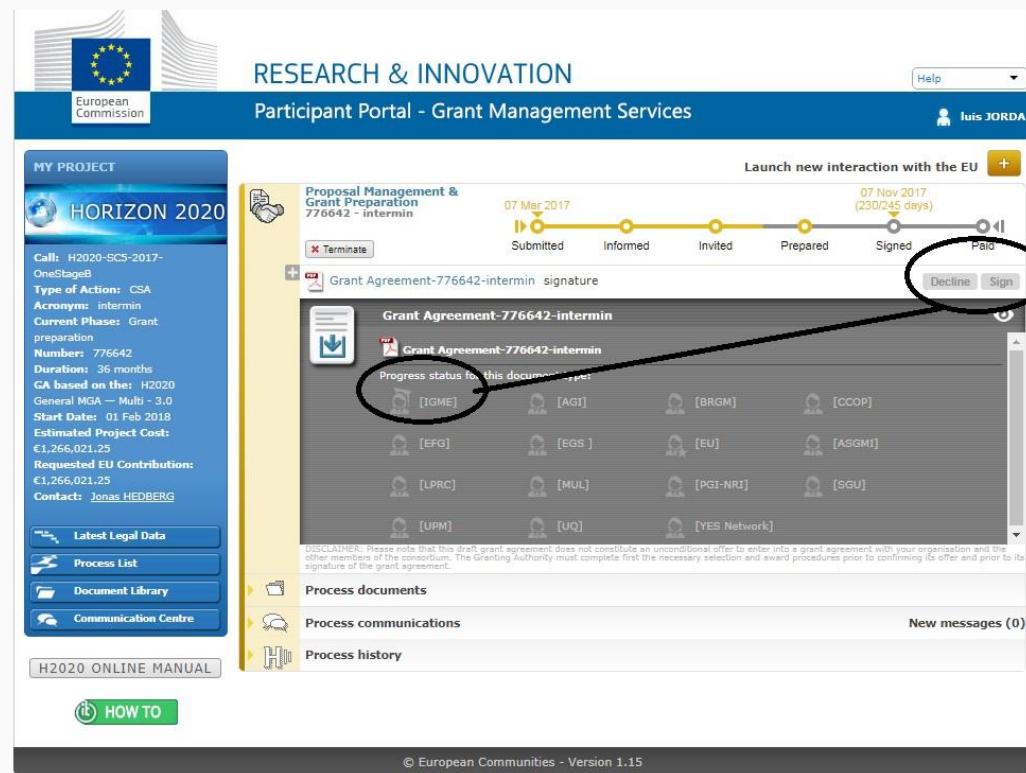


- truco: hacer nuestra parte lo antes posible y dejar trazado como lo hacemos en ppt sencillos con capturas de pantallas, la realidad es que de los 13 socios a 3-4 les resultó muy fácil y alguno de ellos hubo que ayudarles hasta como enviar dudas al portal: ojo tienen que tener al día varios temas que no son inmediatos, si solo uno o dos se retrasan lo mejor es prevenir rápido al officer, son muy efectivos y movilizan a sus compañeros de otros departamentos
- No ser cuello de botella
- Reaccionar rápido





- Validar de vez en cuando la aplicación, ella te avisa de lo que falta. Primero lo relevante que bloquea (esta en rojo) luego lo amarillo- a veces se soluciona esto ultimo bilateralmente con el oficial, lo rojo no.



**RESEARCH & INNOVATION**  
Participant Portal - Grant Management Services

**MY PROJECT**

**HORIZON 2020**

**Call:** H2020-SCS-2017-  
OneStageB  
**Type of Action:** CSA  
**Acronym:** intermin  
**Current Phase:** Grant preparation  
**Number:** 776642  
**Duration:** 36 months  
GA based on the: H2020  
General MGA — Multi - 3.0  
**Start Date:** 01 Feb 2018  
**Estimated Project Cost:** €1,266,021.25  
**Requested EU Contribution:** €1,266,021.25  
**Contact:** Jonas HEDBERG

**Latest Legal Data**  
**Process List**  
**Document Library**  
**Communication Centre**

**H2020 ONLINE MANUAL**

**HOW TO**

**Proposal Management & Grant Preparation**  
776642 - intermin

07 Mar 2017 → 07 Nov 2017 (230/245 days)

Submitted Informed Invited Prepared Signed Paid

**Grant Agreement-776642-intermin signature**

**Grant Agreement-776642-intermin**

Progress status for this document type:

- [IGME]
- [AGI]
- [BRGM]
- [CCOP]
- [EFG]
- [EGS]
- [EU]
- [ASGMI]
- [LPRC]
- [MUL]
- [PGI-NRI]
- [SGU]
- [UPM]
- [UQ]
- [YES Network]

**DISCLAIMER:** Please note that this draft grant agreement does not constitute an unconditional offer to enter into a grant agreement with your organization and the other members of the consortium. The Granting Authority must complete first the necessary selection and award procedures prior to confirming its offer and prior to its signature of the grant agreement.

**Process documents**  
**Process communications** New messages (0)  
**Process history**

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- Se puede uno desdecir---- pero hay que ser muy rápido, ante la duda siempre informar al financial y al project officer

- Asignación de roles claros con lo que cada uno tiene que escribir (al final solo 4 de los 13 socios realmente trabajaron en la propuesta)
- Parte económica: importante tener Excel común y todos rellenen, en la misma poner dedicaciones de técnicos y trasformar en dinero. **En el Grant Agreement hay una nueva pagina para la parte financiera que se rellena sola con lo que habíamos puesto en el proposal, se puede modificar algo siempre y cuando no altere la cifra final**
- Plazo interno una semana antes de la entrega parte B terminada, la parte A incluso antes y se va escribiendo en el sistema, posibilidad de trabajo en google drive o similar pero bajar con tiempo y maquetar
- Preparación de un Gantt, Project management básico

- Deadlines: filosofía que nos ha ido bien, tener siempre un borrador aunque no sea perfecto y falte algo ya subido al sistema como muy tarde 3 días antes, especialmente si la entrega es un lunes o un martes, se cuelga el sistema a veces.
- Paralelamente documento interno: consortium agreement, hay modelos de la comision

- 7 de noviembre de 2017. Firma del Grant Agreement con toda la documentación requerida (online)
- Un socio se retira antes de la firma
- Preparación de un amendment
- 1 febrero de 2018. Inicio oficial del proyecto se abre nuevas ventanas y aplicaciones en la web ECAS. Pestañas para entrega de deliverables con sus deadlines

- 13 de febrero 2018. Kick Off Meeting Bruselas
- 22 de enero notificación de pago por parte de la Comisión.
- 25 enero 2018. Recepción del 75% de los fondos
- Febrero – marzo. Pago a los socios: partes proporcionales
- 14 marzo 2018. Inicio de las conferencias call por internet mensuales de coordinación interna



- En el IGME los proyectos, una vez ganados, tienen que tener un proyecto interno a través de la aplicación del gestión del proyectos GESTEC

User: TRABAJO/ManuelRegueiro  
Perfil: RESPONSABLE C.COSTE

**FICHA DE PROYECTO 2735**

Referencia	2735	Canao	13.5.00.05.00	Cod. Proyecto	5000	Tipo Proyecto:	Competitivo Liderado Europeo/Internacional	Financiación	Cofinanciado
Fecha inicio	05/02/2018	Estado	APROBADO	Fecha fin	31/01/2021	Fecha CODI	23/01/2018		
Título	International network for training centres on mineral resources						Tit. Abreviado	INTERMIN	
Departamento	INVESTIGACIÓN EN RECURSOS GEOLÓGICOS			Centro Coste	ÁREA DE RECURSOS MINERALES				
Responsable	REGUEIRO GONZALEZ-BARROS, MANUEL			L. Estratégica	Recursos Minerales e impacto ambiental de la minería				

[Mostrar información técnica](#)

[Descargar plantilla de Certificación de Cobro](#)

[Ficha de proyecto](#) [Ficha de presupuesto](#)

**RESUMEN DE SITUACIÓN ECONÓMICA DE PROYECTO**

Selección	Ejercicio	Tipo Información	Viajes y Locomoción (C2)	Fungible (C2)	Otros (C2)	Gastos Personal Contr. Proj. (C6)	Inventariable (C6)	Asistencias Téc. (C6)	Total Cap2.	Total Cap6.	Total	Ingresos
▶	2018	Gasto Aprobado	6.000,00	500,00	10.000,00	0,00	0,00	0,00	16.500,00	0,00	16.500,00	<a href="#">139.453,13</a>
	2018	Gasto Realizado	<a href="#">3.639,19</a>	<a href="#">0,00</a>	<a href="#">956,76</a>	<a href="#">0,00</a>	<a href="#">0,00</a>	<a href="#">0,00</a>	4.595,95	0,00	4.595,95	
	2018	Saldo	2.360,81	500,00	9.043,24	0,00	0,00	0,00	11.904,05	0,00	11.904,05	
▶	2019	Gasto Aprobado	6.200,00	500,00	10.000,00	17.373,27	0,00	0,00	16.700,00	17.373,27	34.073,27	<a href="#">18.593,13</a>
▶	2020	Gasto Aprobado	6.000,00	500,00	10.000,00	31.584,60	0,00	0,00	16.500,00	31.584,60	48.084,60	<a href="#">18.593,75</a>
▶	2021	Gasto Aprobado	6.600,00	500,00	10.000,00	15.440,80	0,00	0,00	17.100,00	15.440,80	32.540,80	<a href="#">9.295,88</a>

**Distribución Geográfica** [Equipo de trabajo](#) [Objetivos parciales](#) [Gastos](#) [Ingresos](#) [Doc. Adjuntos](#) [Periodos Just.](#)

Nacional	Provincia	CCAA	Porcentaje
No hay datos del ámbito nacional			

Internacional [TODO EL MUNDO](#)

- Los proyectos europeos H2020 financian el 100% de los gastos (personal, viajes, otros)
- No hay problema de contratar personal con ese dinero
- Si se usa personal propio que ya está financiado por la institución, esos gastos se convierten en un ingreso para la entidad.
- Además financian un 21% adicional de gastos generales del proyecto.
- En el IGME se ha aprobado una norma para repartir tanto los gastos generales como los del capítulo 1.

Resolución sobre distribución presupuestaria, costes indirectos y criterios de imputación a proyectos.

En la elaboración de presupuestos de proyectos competitivos europeos en los que se subvencionen los costes directos de personal, se priorizará el uso de recursos internos (Cap. 1) estableciéndose un porcentaje mínimo de dedicación equivalente al 40% del total de coste de personal del proyecto.

En todo tipo de actividades, se establece como restricción general para la contratación de personal externo que la persona contratada se asigne al proyecto por un periodo mínimo de un año.

A efectos de imputar este coste, los costes de personal (salarios y cotizaciones sociales) se incrementarán en el importe de las indemnizaciones previsibles.

## 5. Contribución de proyectos

En el cuadro adjunto, se presenta el tipo de contribución según la naturaleza del proyecto a la estructura de costes generales del IGME:

Tipo de Proyecto	Tipo de Contribución
Proyectos competitivos europeos	<ul style="list-style-type: none"><li>• Costes Directos Cap.1</li><li>• Costes Indirectos (25% total costes directos subvencionados)</li></ul>
Resto Proyectos competitivos	Costes Indirectos (21% del coste directo o límites específicos establecidos convocatoria)
Operaciones comerciales, contratos, y otras operaciones con ingresos.	<ul style="list-style-type: none"><li>• Costes Indirectos: 15 % del ingreso</li><li>• Márgenes de operaciones</li></ul>

Los proyectos competitivos cofinanciados contribuyen al IGME por el importe de los costes indirectos según el porcentaje y forma de cálculo establecido en la convocatoria.

Los proyectos competitivos europeos subvencionan el coste de personal sin distinción del capítulo de financiación y por tanto suponen una contribución adicional al IGME por el importe del coste imputado al proyecto.

La contribución de operaciones comerciales, contratos, y otros se determina mediante una estimación que considera que los costes indirectos suponen un 15% del importe de los ingresos netos.

En los convenios, encomiendas y encargos se establecerán tarifas oficiales que serán las de aplicación.

#### 6. Reparto de costes indirectos

El reparto de costes indirectos se realiza distribuyendo el importe total de coste entre los porcentajes fijos asignados a la estructura del IGME y al investigador principal.

##### Proyectos financiados (subvenciones)

Se realizará un análisis consistente en:

a) Análisis de desviaciones en costes directos: La desviación se calculará mediante la comparación entre los costes directos (Capítulo 2 y 6) presupuestados a efectos de la subvención y los costes directos por los conceptos anteriores registrados en Gestec

b) Condiciones del reparto de márgenes de contribución:

b.1) No existen desviaciones en costes directos, el reparto se realizará:

El importe total de coste indirecto calculado según los criterios establecidos en la convocatoria se distribuirá según los siguientes porcentajes:

Investigador Principal 20%

Estructura IGME 80%

La parte correspondiente al investigador principal se deberá repercutir en las partidas existentes en GESTEC como si fuese un coste directo y a criterio del mismo.

b.2) Existen desviaciones en costes directos:

Se procederá a no validar el proyecto y se devolverá para su adecuación.

#### 7. Reparto por imputación de coste de personal interno

Este tipo de reparto se realizará únicamente cuando la subvención permita incluir el coste del capítulo 1 como coste elegible de la subvención y se dé la condición de que la dedicación represente como mínimo el 40% del coste de personal subvencionado, tal y como se establece en el punto 4 de esta resolución.

El reparto se realizará aplicando al importe del Capítulo 1 asignado al proyecto, los siguientes porcentajes:

Investigador Principal 40%

Estructura IGME 60%

La parte correspondiente al investigador principal se deberá repercutir en las partidas existentes en GESTEC como si fuese un coste directo y a criterio del mismo.

El Director del IGME

Francisco González Lodeiro

Firmado por GONZALEZ LODEIRO FRANCISCO - DNI  
01375339P el día 20/04/2018 con un certificado  
emitido por AC Administración Pública

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Strike with thy rod while thou beg to thy God