

INTERMIN 1-year meeting, Madrid, 30° - 31° January 2019



Framework

Task 1.1 Scoping (IGME, UPM, EFG, MUL, CCOP, AGI, YES)

- Define the functional requirements that are necessary to build up the database of the existing training
- Definition of a coherent system of skills \rightarrow production of a skills catalogue (D1.1)

Task 1.2 Mapping (MUL, all participants and EGS third parties)

- Identification and collection of information on existing technical and vocational training courses
- Desk research, online research, surveys and interviews with program leaders
- Comprehensive collection of all existing training programs, including a judgement on the strengths and weaknesses of each one, thus setting up a knowledge base,
- Populate a searchable wiki database interlinked with a geographic information system





Framework - Deliverables

Duration: M1-M12

Task1.1 Scoping (M1-M5)

Task1.2 Mapping (M1-M12)

	Deliverable	Title	Lead	Туре	Level	Date
	D1.1	Skills catalogue for the raw materials sector	IGME	Report	Public	M5
	D1.2	Database process manual	MUL	Report	Public	M12
)	D1.3	Global repository of training programs and networks on raw materials in the EU and advanced mining countries	MUL	Website, patent fillings, etc.	Public	M12

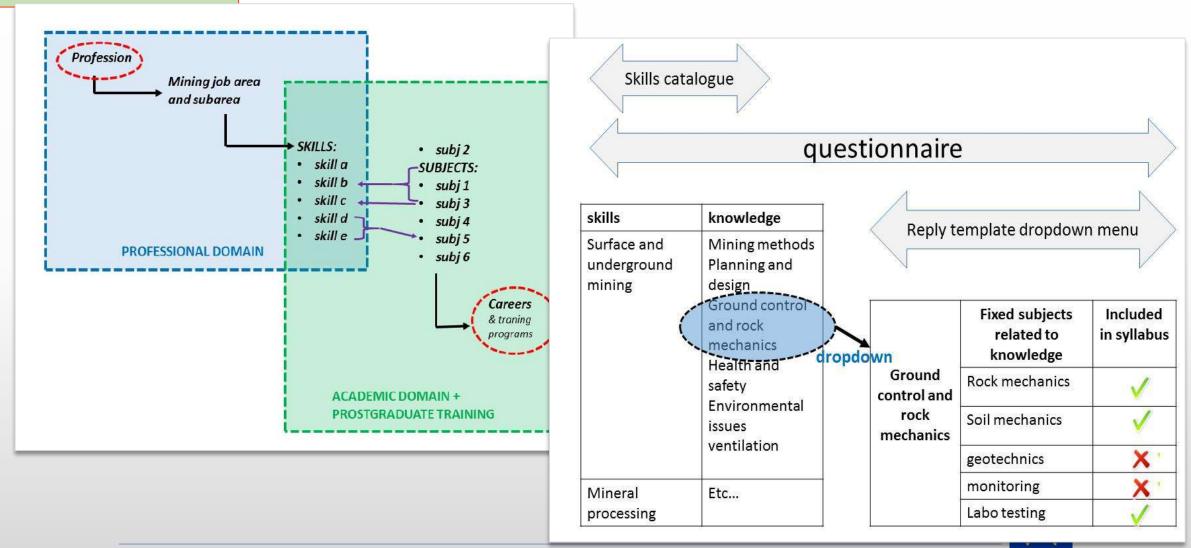


Workload

Nr	Who	Months/Effort
1	IGME	1.5
2	EGS	0.5
	GeoInform	1.5
	CGS	1.5
	MBFSZ	1.5
	IGME GR	1.5
3	BRGM	0.5
4	ASGMI	2
5	LPRC	0.5
6	UPM	1
7	EFG	1.5
8	MUL	9
9	ССОР	2
10	AGI	1
11	UQ	1
12	PGI-NRI	0.4
13	YES Network	1
14	SGU	0.3
	Total	28.2



Profession / Skills / Knowledge





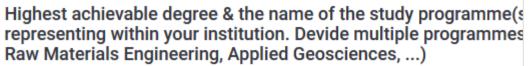
The questionnaire

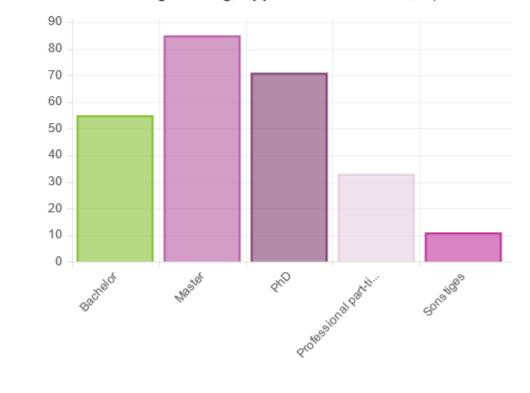
INTERMIN D 1.1 Skills catalogue

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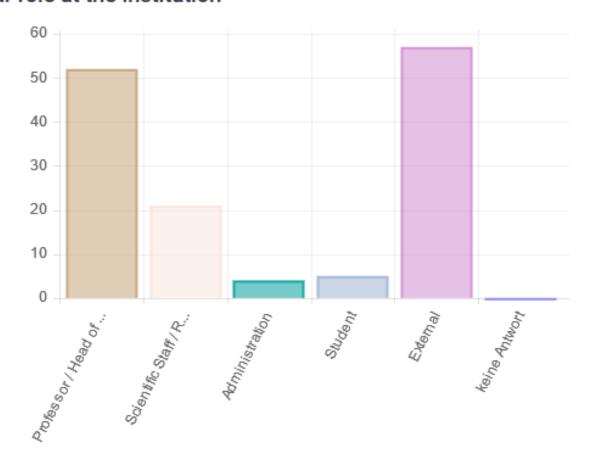
+1-			
	MINING JOB AREA	MINING JOB SUB - AREA	SKILLS /KNOWLEDGE OUTCOMES
		1.1.Mining in a global environment	1.1.1. Analyses the market to predict future demand/supply trends. 1.1.2. Understands mine economics and the minerals market and their influence on mining systems 1.1.3. Understands economics and mining geology 1.1.4. Understands the impacts of commodity price fluctuations 1.1.5. Understands the trade-off between risk and value in mining decisions 1.1.6. Facilitates the implementation of environmental, engineering, mining and social best practices
		1.2.Legal and regulatory requirements	Understands and applies the 'license to operate' philosophy' Understands and adheres to mining and related legislation and regulations Understands and adheres to other relevant legislation and regulations'
		1.3. Organisational structures	1.3.1. Understands the organisational, hierarchy and information flows for typical mining businesses and operations
	1 Business Management	1.4. Financial operations	 1.4.1. Understands the basics of investment banking and its relationship to the resources sector 1.4.2. Understands business development principles applicable to the mining industry 1.4.3. Interrogates and interprets financial statements 1.4.4. Creates comprehensive financial models 1.4.5. Uses financial models and Analyses financial data 1.4.6. Forecasts cash flows
	. ✓	1.5. Production costs	1.5.1. Identifies the significant cost areas related to the operation 1.5.2. Delivers cost/benefit analyses 1.5.3. Generates CAPEX and OPEX from first principles 1.5.4. Performs trade-off studies by analysing production equipment economics 1.5.5. Identifies the impact their role has on the value chain of the business 1.6.1. Completes first-principles cost modelling





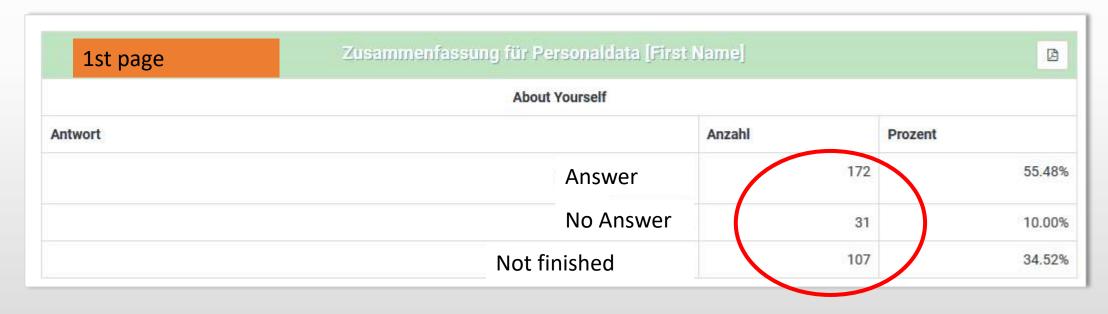


Your role at the Institution





General: 310 starters,
 171 partly completed,
 139 fully completed

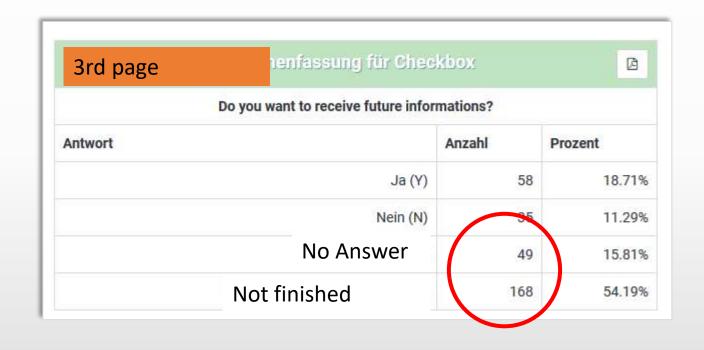






Antwort	Anzahl	
	7.112.4111	Prozent
Business Management (SQ001) 40	12.90%
GeologyExplorationResources and reserves (SQ002) 106	34.19%
Mining geomechanics and technical mine design (SQ003) 69	22.26%
Mining methods (SQ004) 80	25.81%
Mining equipment and systems (SQ005) 52	16.77%
Mining services (SQ006) 50	16.13%
Mineral production and processing (SQ007) 65	20.97%
Generic, health and social tasks (SQ008) 51	16.45%
Social Performance (SQ009) 27	11.94%

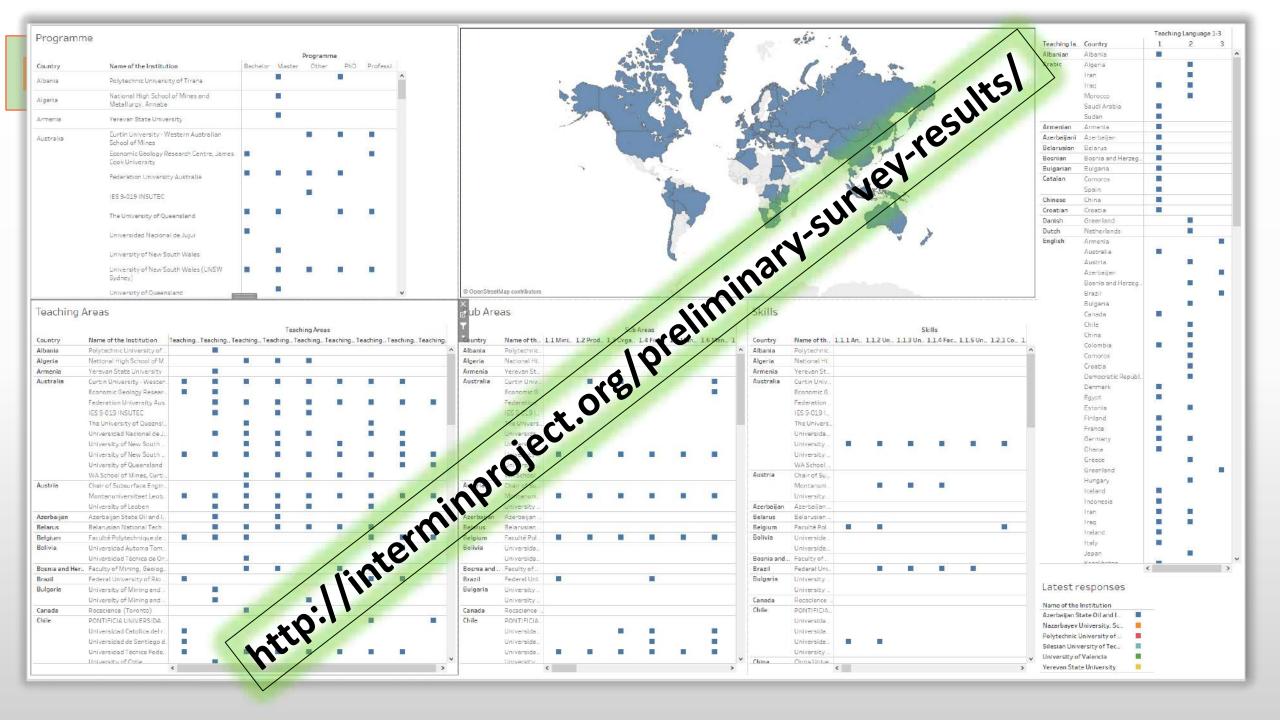




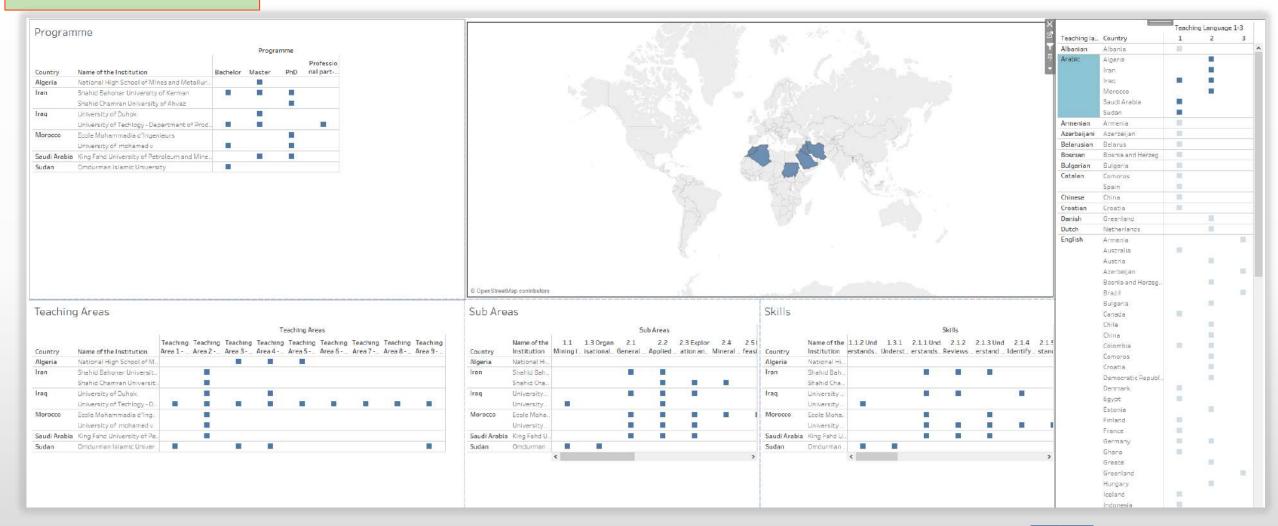








Example: Arabic language





Output / Deliverables

- D1.1: Skills Catalogue
- D1.2: Database process manual 1 month delay
- D1.3: Repository of training programmes 1 month delay
 - Excel table (database), "Tableau" evaluation, Interactive map on Interminhomepage



To discuss

- Content of Database: Increase number of filings
- Long-Term handling of database
- Repetition and improvement of survey

