Disclaimer: KPI definitions and supporting evidence is subject to change.

Type	Code #	KPI name	Definition/Formula	Supporting evidence
Impact	KICN01-01	CRM substitution/reduction	Number of substitution cases.	Declaration of honor including (all items required): - Description of the substitution (what has been replace with what). - Comparison table showing the characteristics of the original and the replacement. - Proof of commercialization or at least TRL 7. - Proof of acceptance by end user.
Impact	KICN01-05	Investment attracted in resources (**excl. boosters**)	Total EUR investment attracted in primary resources and advance materials development (e.g., new infrastructure at pilot/demo/industry-scale, new mine, exploration spending) (**excl. co-funding**).	Declaration of honor indicating capital attracted and nature (private or public)
Impact	KICN01-08	Increased recycling rate over current rate	Increase in **%** of recovery and recycling of CRMs and Strategic Raw Materials.	Declaration of honor indicating the % of recovery and recycling at the beginning and at the end of the funding period. Calculations of both percentages must be included.
Impact	KICN01-09	Advanced materials development (reduced-toxicity)	Number of new/improved products with reduced toxic materials.	Declaration of honor describing the product and contribution to reduced content of toxic materials
Impact	KICN01-10	Ensure stable RM workforce	Number of created/maintained/re-skilled jobs in the RM sector (including conversion from brown technologies). Primary sector: maintaining jobs and converting jobs from brown to green technologies. Recycling: mainly creating new jobs.	Declaration of honor indicating number of jobs
Impact	KICN01-11	Improve gender balance in the RM sector	**Relative number** (value between 0 and 1) of women that completed a RM course (e.g. summer schools, individual courses, lifelong learning, etc.), graduated from an EIT labelled PhD or Master program, or graduated from a non-labelled PhD or Master program.	Number of women that completed a course or graduated from a full academic program. Break up the number of female students by name of program and institution name. (**do not** include women's names)
Impact	KICN01-12	Improve industrial competitiveness	Total EUR savings and increase in sales resulting from improved material and energy efficiency.	Declaration of honor indicating total of EUR savings and increase in sales resulting from improved material(s), process(es) and resource & energy efficiency.

Impact	KICN01-13	Raw materials concentrate produced	**%** increase of raw materials produced in Europe.	Declaration of honor indicating (all items required): - The origin of RM (from the supplier). Attach **certificate of origin of the raw material**. - **%** produced in Europe at the beginning, at the end, and after (if possible) the funding period.
Impact	KICN01-14	Carbon savings in the RM sector	**%** (value between 0 and 1) CO2 emitted savings.	Declaration of honor indicating the CO2 savings calculated either with official methods or their own. Clearly include how the CO2 was reduced (change of fuel, capture of CO2 for another production, process efficiency, etc.).
Impact	KICN01-15	Advanced materials development (new)	Number of new advanced materials developed.	Patent justification: which product(s) has been developed and declaration of honor indicating the acceptance of end-user, or proof of on-going qualification test at end-user.
Impact	KICN01-16	Advanced materials produced	**%** increase of advanced materials produced in Europe.	Declaration of honor indicating the % of production at the beginning and at the end of the funding period. Calculations of both percentages must be included.
Impact	KICN01-17	Enhanced sustainability (reduce discharge)	**%** (value between 0 and 1) of new and existing processing plants with reduced discharge.	Declaration of honor including (all items required): - A description of the waste content/characteristics. - An explanation of how the decrease was achieved (valorization or other method(s)). - Attach **official document of waste disposal at the beginning and at the end of the funding period**. These documents must show the decrease of waste.
Impact	KICN01-18	Enhanced sustainability (sustainability standards)	**%** (value between 0 and 1) European companies using sustainability standards.	Declaration of honor including the % of European companies certified by any sustainable standard (over the whole value chain) at the beginning and at end of the funding period. Attach **certifications from sustainable standards**.
Output	KICN02-01	Successful matchmaking events	**Successful rating** (value between 0 and 1) based on a survey among participants of the matchmaking event.	Number of participants by event and satisfaction rate based on a survey
Output	KICN02-06	PhD students in education short courses	Number of PhD students that completed a RM-related short course (Summer school, winter school, individual courses, etc.).	Number of PhD students that completed a course. Break up the number of PhD students by High Education Institution and PhD field. (**do not** include students' names)
Output	KICN02-07	MSc students in Education short courses	Number of MSc students that completed a RM-related short courses (Summer school, winter school, individual courses, etc.).	Number of MSc students that completed a course. Break up the number of MSc students by High Education Institution and MSc program. (**do not** include students' names)
Output	KICN02-08	Lifelong Education	Number of professionals educated (RM professionals or related to the RM sector - includes train-the-trainer and internal trainings for professional employees).	Number of professionals that completed a course. Break up the number of professionals by organization and division in the organization. (**do not** include professionals' names)
Output	KICN02-09	Wider Society Learning	Number of participants in Wider Society Learning events (includes school students or teachers, communities, policy makers, politicians, etc.).	Number of participants by organization/institution's names (**do not** include participants' names).
Output	KICN02-10	Students & Industry - Knowledge Triangle Integration	Number of students exposed to industry as part of a KAVA project (participating in upscaling projects, doing internships for a project, in open innovation events, etc.).	List with student's academic institution, BS/MSc/PhD program's name, and contribution to the project (**do not** include students' names).
Output	KICN02-11	Start up & Industry collaboration	Number of start ups -**non KIC partners**- exposed to industry (participating in proposals, upscaling projects, open innovation events).	List including start up name and nature of exposure to industry

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Area	Code #	Core KPI?	KPI name	Definition/Details	Supporting evidence
Innovation	EITHE01.1	No	Intellectual property rights	Number of innovative products, processes and methods & Intellectual Property Rights (IPR) applications resulting from KIC activities	**Structured data:** - Year of reporting - Type of intellectual property right: patent; trademark; registered design; utility model; other - Application title - Application reference - Application date - IPR owner - Country of the IPR owner - Does the IPR owner take part in the HEI Capacity Building Initiative (HEI CBI) - IPR status: has the IPR protection been awarded - IPR Award reference if any - Technology Readiness Level - Reference to KAVA/portfolio **No supporting evidence is required.**
Innovation	EITHE02.1	No	Innovations launched on the market (sales revenue < 10K€; or Open Access Innovation)	Number of all innovations introduced on the market during the KAVA duration or within 3 years after completion. Innovations include new or significantly improved products (goods or services) sold. Innovations introduced on the market must be directly linked with the KAVA and reported in the year when they reached the first revenue (but not later than three years after completion of the KAVA). **Open access innovations** are to be counted as part of this KPI. Markets to be defined per country.	**Structured data:** - Year of reporting - Name of the innovation - Type of innovation (e.g. new product, new service) - Market (country) - Country of origin of the company commercializingcommercializing the innovation - Reference to a specific KIC KAVA - Was the innovation developed and launched on the market as a result of the capacity building activities delivered as part of the HEI CBI? - Total revenue from the innovations launched on the market for the reported year in EUR. For **open access innovations only**: number of confirmed users. **No supporting evidence is required.**

					Structured data:
Innovation	EITHE02.2-EITRIS	No	EIT RIS Innovations launched on the market (sales revenue < 10K€; or Open Access Innovation)	Number of products or processes (as per EITHE02.1 definition) launched on the market by organisations from the **EIT RIS countries**. Innovations introduced on the market must be directly linked with the KAVA and reported in the year when they reached the first revenue (but not later than three years after completion of the KAVA). **Open access innovations** are to be counted as part of this KPI. Markets to be defined per country.	Structured data: - Year of reporting - Name of the innovation - Type of innovation (e.g. new product, new service) - Market (country) - Country of origin of the company commercializingcommercializing the innovation - Reference to a specific KIC KAVA - Was the innovation developed and launched on the market as a result of the capacity building activities delivered as part of the HEI CBI? - Total revenue from the innovations launched on the market for the reported year in EUR. For **open access innovations only**: number of confirmed users. **No supporting evidence is required.**
Innovation	EITHE02.4	Yes	Innovations launched on the market (sales revenue ≥ 10K€)	Number of innovations introduced on the market during the KAVA duration or within 3 years after completion with a sales revenue of at least **10K€** documented. Innovations introduced on the market must be directly linked with the KAVA (as anticipated in the commercialisation strategy) and reported in the year when they reached the first revenue (but not later than three years after completion of the KAVA). Markets to be defined per country.	Structured data: - Year of reporting - Name of the innovation - Type of innovation (e.g. new product, new service) - Market (country) - Country of origin of the company commercializingcommercializing the innovation - Reference to a specific KIC KAVA - Was the innovation developed and launched on the market as a result of the capacity building activities delivered as part of the HEI CBI? - Total revenue from the innovations launched on the market for the reported year in EUR. **Supporting evidence:** - Description of product or process with specified performance characteristics/ physical parameters/ functionalities demonstrating novelty (new or significant improvement) of the product/process - Declaration demonstrating link with a specific KIC KAVA (indication of the specific output of KIC KAVA(s)) and financial proof of the KAVA investment in the innovation development - Documented proof such as an invoice or an online sales record demonstrating that the purchases totaling to at least **10K€** has been made by a customer.
Business Creation	EITHE04.1	No	Start-ups created	Number of start-ups established in year **N** as a result / based on the output(s) of KAVA(s), or start-ups created for the purpose of an innovation project to organise and support the development of an asset (but not later than three years after the completion of KAVA).	Structured data: - Year of reporting - Company name - Company registration number - Company website - Country of the Company registration - Gender of the Company CEO/owner - Company website - Was the Company created through the HEI CB Initiative? - Was the Company created through a cross-KIC project? **No supporting evidence is required.**

Business Creation	EITHE04.2-EITRIS	No	EIT RIS Start-ups created	Number of start-ups registered in **EIT RIS country** in year **N** and established as a result/ based on the output(s) of Innovation/ Research related KAVA(s), or created for the purpose of an innovation project to organise and support the development of an asset (but not later than three years after the completion of KAVA).	**Structured data:** - Year of reporting - Company name - Company registration number - Company website - Country of the Company registration - Gender of the Company CEO/owner - Company website - Was the Company created through the HEI CB Initiative? - Was the Company created through a cross-KIC project? **No supporting evidence is required.**
Business Creation	EITHE04.4	Yes	Start-ups created (financial transaction ≥ 10K€)	Number of start-ups established in year **N** as a result / based on the output(s) of KAVA(s), or start-ups created for the purpose of an innovation project to organise and support the development of an asset (but not later than three years after the completion of KAVA) having financial transactions of at least **10K€** for services/products (result of the KIC KAVA) sold to customers.	**Structured data:** - Year of reporting - Company name - Company registration number - Company website - Country of the Company registration - Gender of the Company CEO/owner - Company website - Was the Company created through the HEI CB Initiative? - Was the Company created through a cross-KIC project? **Supporting evidence:** - Registration certificate of a start-up established in year N - Description of the start-up and its core business - Document such as an invoice or an online sales record certifying financial transactions of at least 10 000 EUR for services/products (result of the KIC KAVA) sold to a customer.
Education	EITHE08.1	No	Participants in non-labelled education and training	Number of successful participants in EIT professional development courses, online training courses and other education/training activities delivered or in a process of delivery (by country and type of programme), including data on country of citizenship and gender. Only participants, who successfully finished the programme, will be counted. For this KPI, only those education and training activities which have **clearly defined learning outcomes**, and which **carries out competency assessment method** are applicable.	**Structured data:** - Year of reporting - Title of course/training/education activity delivered - Type of the programme - Key learning outcomes, competencies and results of the programme - Number of participants enrolled in the reporting year (and breakdown of participants by country of origin) - Number of participants who successfully finished the course in the reporting year - Is the training/education delivered through the HEI CBI? **No supporting evidence is required.**
Education	EITHE08.2-EITRIS	No	EIT RIS Participants in (non-degree) education and training	Number of successful participants in EIT professional development courses, online training courses and other education/training activity delivered or in a process of delivery with citizenship in **EIT RIS countries**. Only participants, who successfully finished the programme, will be counted. For this KPI, only those education and training activities which have **clearly defined learning outcomes**, and which **carries out competency assessment method** are applicable.	**Structured data:** - Year of reporting - Title of course/training/education activity delivered - Type of the programme - Key learning outcomes, competencies and results of the programme - Number of participants enrolled in the reporting year (and breakdown of participants by country of origin) - Number of participants who successfully finished the course in the reporting year - Is the training/education delivered through the HEI CBI? **No supporting evidence is required.**

Horizontal outputs	EITHE16.1	No	# Results disseminated through the EC dissemination tools	Result is what is generated during the activity implementation. This may include, for example, know-how, innovative solutions, algorithms, proof of feasibility, new business models, start-ups, policy recommendations, guidelines, prototypes, demonstrators, databases, trained researchers, new infrastructures, networks, etc. By the EC dissemination tools are meant the EC IT dissemination platforms such as Horizon Results Platform (https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform) Structured data to include reference to a specific KAVA.	**Structured data:** - KAVA reference, website [[structured data TBC] **Supporting evidence:** Only provide links where these were published.