

EPD 101: Vad, varför och hur?

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Livsmedelsetiketter

en del av produkten som ger värde



EPD | Miljövarudeklaration



Standardiserad
kommunikation
verktyg (B2B)



>130 000 EPD inom
byggsektorn



Baserad på livscykel
analys (LCA) av
produkten



Jämförbart miljödata



Efterfrågan på information

- ESG Environment, social, & governance
- CSRD: Corporate Sustainability Reporting Directive

Standarder är viktiga

ISO 14020(2000):

General principles on environmental labels and declarations

ISO 14025(2010):

Overarching standard for Type III environmental declarations which EPDs are categorized as. Provides key information that must be included in an EPD, as well as direction for the production of Product Category Rules (PCR) and programme operators.

ISO 14040(2006) & 14044(2006):

cover both specific terminology and methodology for conducting the underlying LCA study for an EPD.

Product Category Rules – EN 15804(A2:2019):

Product Category Rules (PCR) for construction products giving more detail on the LCA methodological choices and data quality that should be included.

General Programme Instructions:

unique to the chosen programme operator and provides information of the LCA study, EPD report, verification process and PCR development.

Technical Reports:

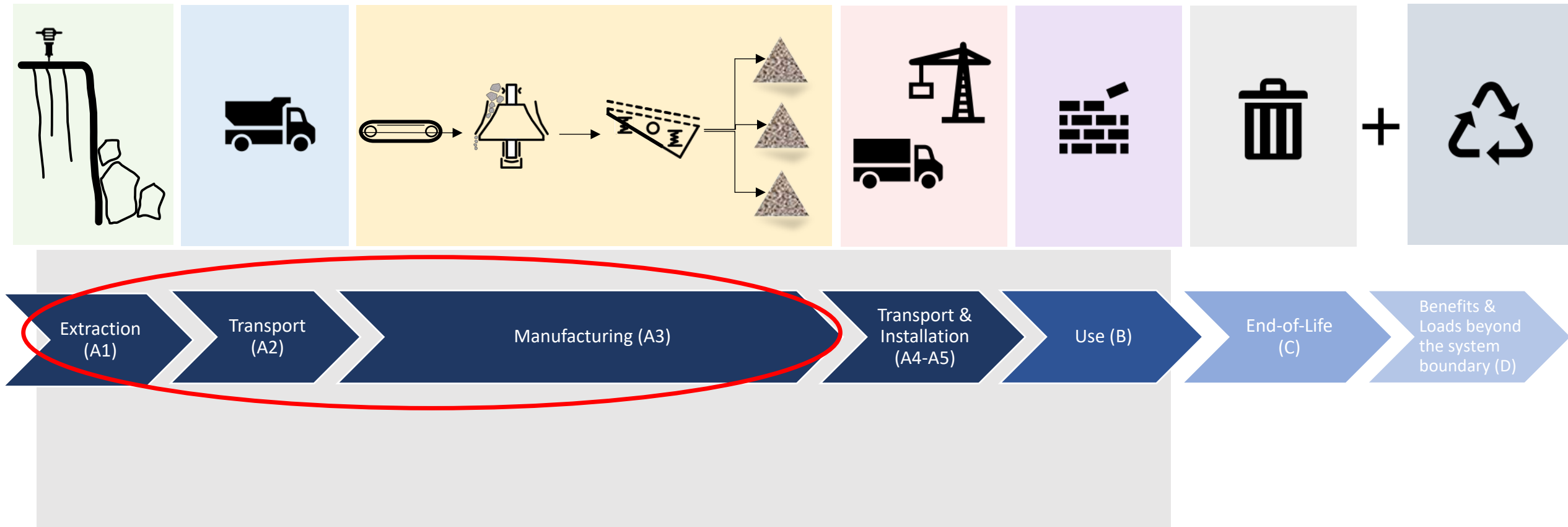
E.g. TR 15941(2012) which provides guidance on generic data selection in EN 15804.

Product specific PCR (sub-PCR):

UNDER-DEVELOPMENT - position unclear in hierarchy at this time.

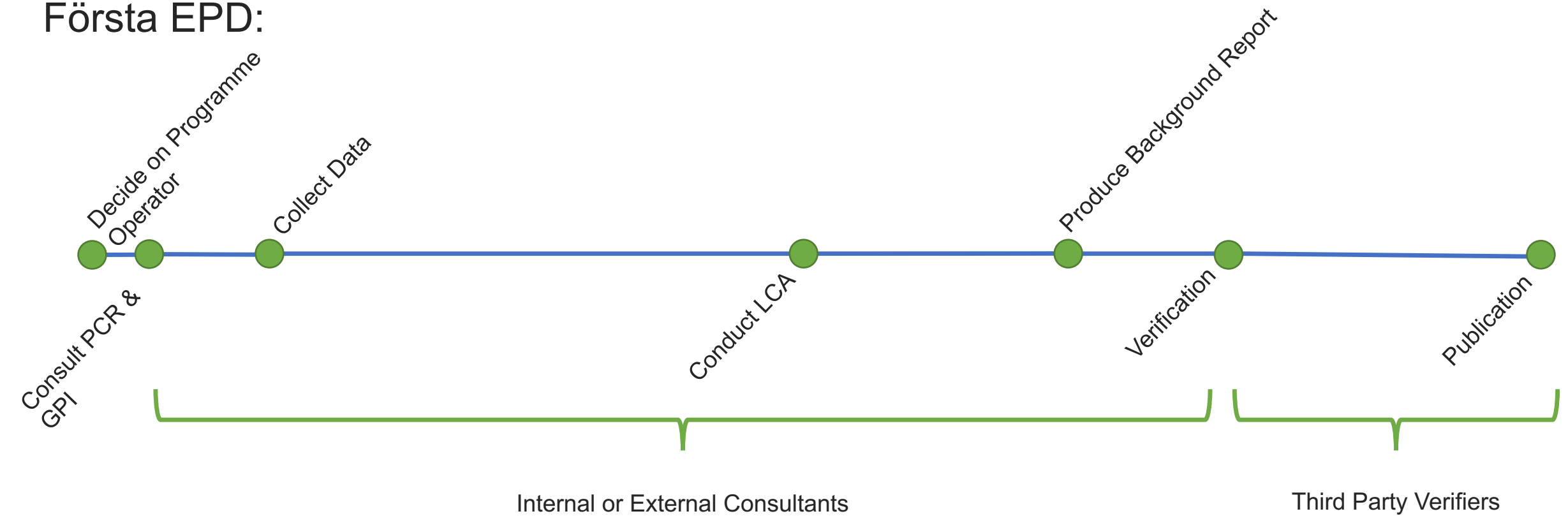
Increasing specificity

Ballast livscykel



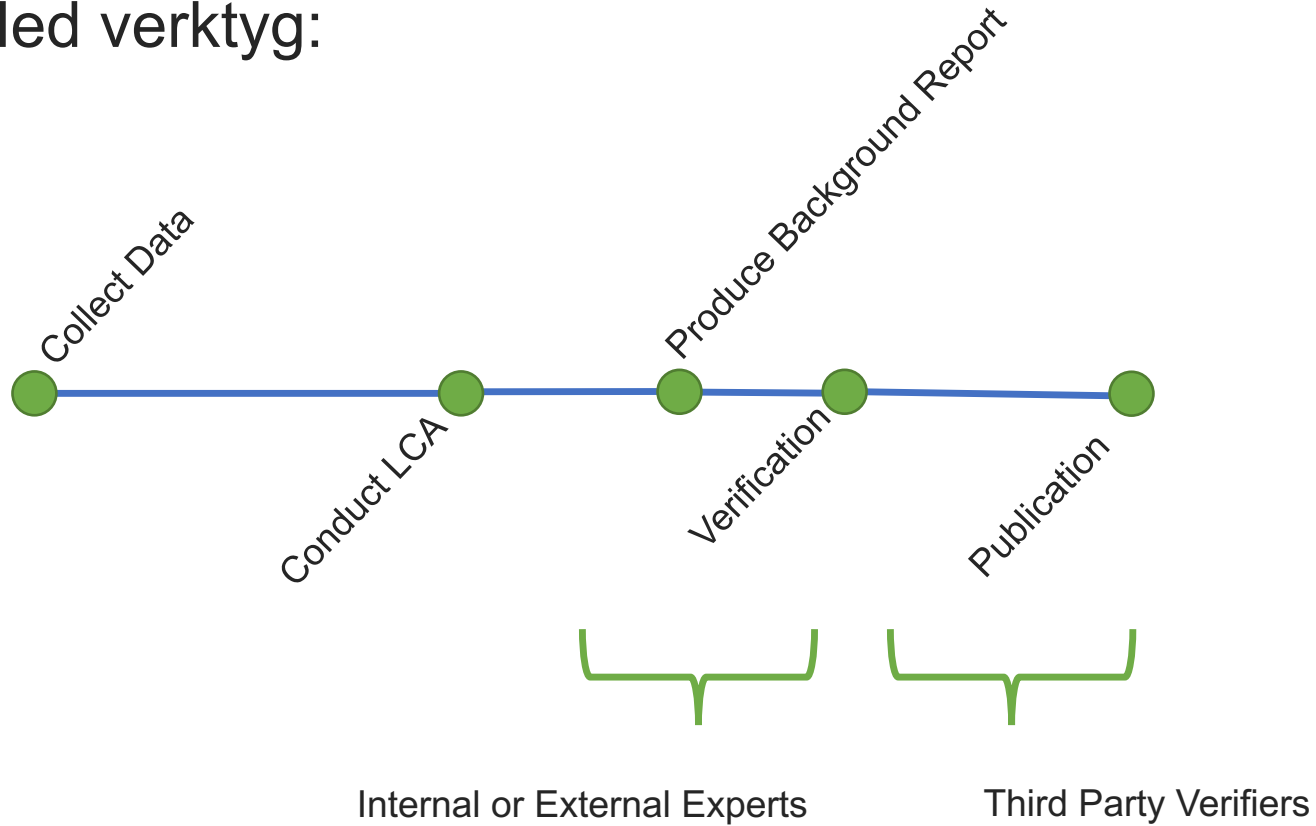
Att skapa en EPD

Första EPD:



Att skapa en EPD

Med verktyg:



Skapa värde för kunder



Skapa värde för dig

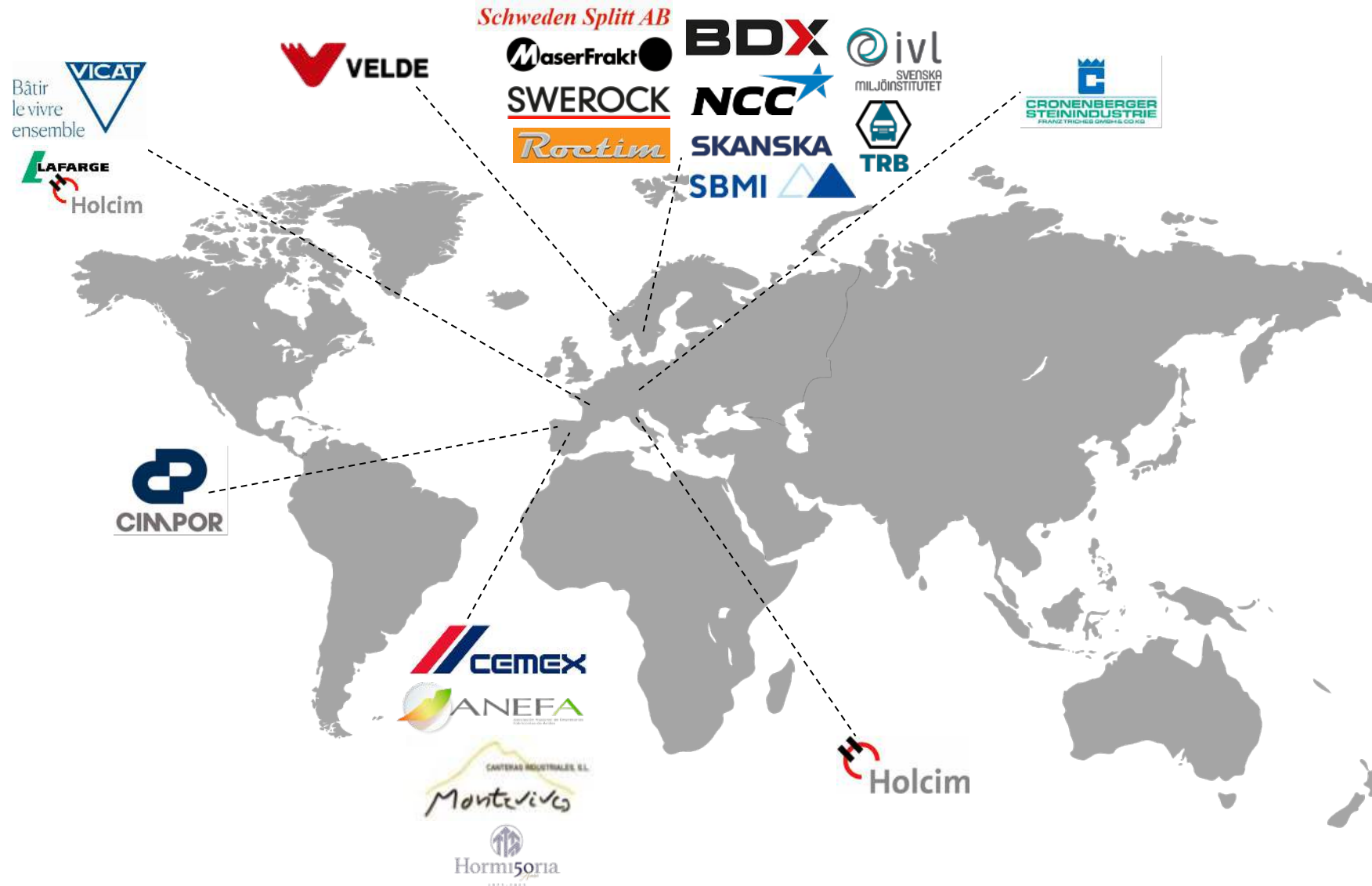




Digitalisering

- Samla viktiga data på en plats
- Automatisk uppdatering av miljöinformation varje månad
- Observera trender över tid

Industriellt samarbete



EPD Berg

*Enabling production sites to estimate
their environmental performance
connected to operating conditions*

1. Initiation

Developing both ideas
and cooperation
among the various
stakeholder

2. Collaboration

Developing (partial)
solutions, including
testing on a limited
scale

2.5. Bridging

Implementing
functional
improvements while
investigating viable
business models

3. Implementation

Testing, implementation
& UX improvements for a
larger, more
representative sample
group





DIGIECOQUARRY aims to design, develop, and validate in 5 pilot environments an Innovative Quarrying System (IQS) comprising sensors, processes, tools and methods for data capture, processing and sharing to provide integrated digitalised, automatic, and real-time process control for aggregates quarries. This will be translated into:



Health & Safety and Security

Upgraded H&S and Security conditions for workers, avoiding their exposure to dangerous operations through automated and controlled processes.



Efficiency, Selectivity and Profitability

Enhanced Selectivity and Efficiency of the aggregates sites, thus increasing the profitability of the processes, ensuring long-term operational sustainability and viability.



Environmental Impact

Maximised Sustainability and Resource Efficiency by reducing emissions, improving the management of water and fostering a sustainable supply of Raw Materials.



Social Acceptance

Improved social acceptance through the communication with policy makers, citizens and relevant actors to get them involved in the value chain.





Rotate: Environmental Management Platform



Fler frågor? Hitta oss i utställningen

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