

From access to impact

A decision framework. Four dimensions to document.

Beyond connects access decisions with operational continuity, water and land, asset reuse and local value. Indicators are selected for each project and compared with an explicit reference scenario.

The four dimensions

Access and continuity

Connect road design with operational continuity: availability, maintenance, access to equipment and service recovery.

What to track

- Days available and hours of closure
- Delivery and service-recovery time
- Documented maintenance and disruption costs

Land and water

Assess the footprint, works and water flows at site and watershed scales. A hybrid configuration combines a conventional road with modules at strategic locations.

What to track

- Footprint, excavated volumes and imported materials
- Water levels, flows and water quality under a defined protocol
- Soil condition and changes in vegetation

Asset circularity

Follow each module through its uses: deploy, inspect, clean, repair when needed and redeploy.

What to track

- Actual deployment count and days of service
- Modules reused, replaced or withdrawn
- Masses of recovered and actually recycled materials

Local value and skills

Build local purchasing, paid work, training and dialogue with users and communities into project arrangements.

What to track

- Local purchasing and paid working hours
- Completed training and skills acquired
- Participation agreements, feedback and corrective actions

One evidence chain, three statuses

Project and period → module identity → events and evidence → indicator and baseline → review. Each result specifies its unit, method, source and owner.

Measured · A field observation, record or dated supporting document.

Modelled · A calculated result with assumptions, boundaries and uncertainties.

Target · An intended outcome, distinguished from results already achieved.

The SDGs set a collective direction. ESG information describes an organisation's environmental, social and governance issues. Our framework brings these perspectives together at project level.

Connect action with the Sustainable Development Goals.

SDG 9 · Target 9.1 - Reliable, resilient infrastructure

SDG 12 · Targets 12.5 · 12.6 - Responsible use of resources

SDG 6 · Targets 6.5 · 6.6 - Water and aquatic ecosystems

SDG 13 · Target 13.1 - Adaptation to climate hazards

SDG 15 · Target 15.1 - Land and freshwater ecosystems

The Digital Pass: connect the asset to its story.

Dashboard planned for 2027 · Digital Pass v2 under development

A basis for preparing usage reports for your clients or management, and informing operational, financial and ESG reporting.

Explore the programme and Digital Pass

A Beyond methodology, without United Nations or ESG certification. Emissions reductions are assessed across the life cycle; they do not constitute carbon credits. Technical data remains linked to the engineering reports.

Let's discuss your project

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