



SEVE

ENVIRONMENTAL
ALTERNATIVES
EVALUATION SYSTEM

<http://international.seve-tp.com>

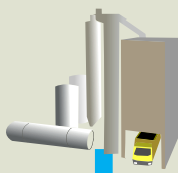


CALL TO TENDER

RAW MATERIALS



MANUFACTURING



TRANSPORTATION AND LAYING

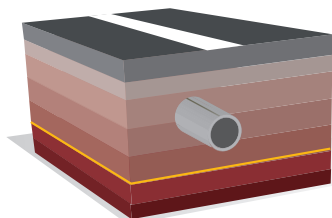


SEVE® allows an environmental assessment of each phases of building and maintenance of your roads, earthworks and utilities networks with two specific modules.

ROAD & UTILITIES MODULE



EARTH-MOVING MODULE



- Surface layer (Wearing course, base course, tack coat)
- Road structure (Road base and subbase layers)
- Subgrade layer
- Earth moving upper part platform
- Earth moving upper part
- Excavated earth and backfill



7 QUANTITATIVE INDICATORS

2 DECLARATIVE INDICATORS



* Preservation of ressource included :

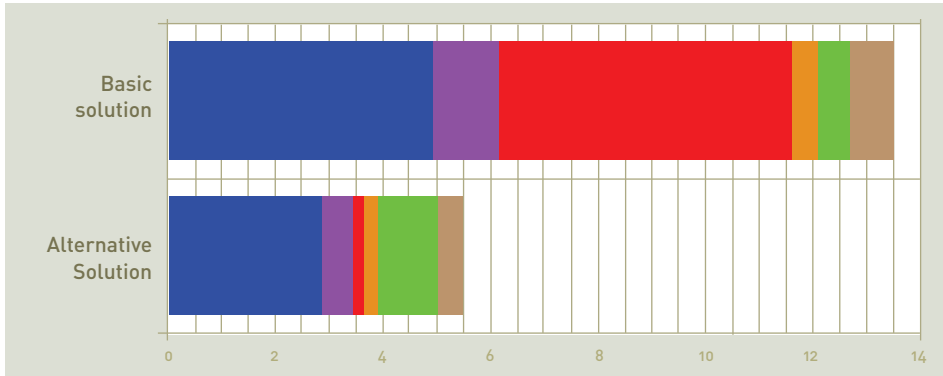
- Natural aggregates consumption (t)
- Reclaimed Asphalt Pavement consumption (t)
- Recycled Materials consumption (t)
- Excavated earth materials from the site and reused in the site (t)

RESULTS PROVIDED BY THE SEVE® SOFTWARE

Example of an indicator:

COMPARISON OF GHG EMISSIONS (in t eq CO₂)

Graph



■ Material extraction ■ Transport upstream of the manufacturing plant ■ Manufacturing mixtures
■ Transport towstream from plant to worksite ■ Laying ■ Transport outside the site

Table of results (in t eq CO₂)

Solution	Material extraction	Transport upstream	Manufacturing mixtures	Transport into the site	Laying	Transport outside the site	Total	ENVIRONMENTAL BENEFIT
Basic solution	5,0	1,2	5,5	0,5	0,5	1	13,7	60%
Alternative solution	2,9	0,6	0,2	0,3	1	0,5	5,5	

A DETAILED DOCUMENT, PDF FORMAT, PROVIDING:



- > Identification of the project, the company, the owner and the contractor.
- > General information about the software
- > Summary presentation of the solutions
- > Table of results (9 indicators)
- > Detailed presentation of solutions
- > List of used asphalt concrete formulas
- > List of recycled materials



LIFE+ SustainEuroRoad project is co-financed by the European Commission

For the owner,

SEVE allows in the frame of call for tender, to compare with an environmental point of view, equivalent technical solutions for road maintenance works or building works.

Commun tool and shared by the whole road sector.

Available for:

- **everybody**: companies, contractors, project managers, engineering departments, universities just by subscribing yearly.
- **everywhere**: by the internet (no application to download).

Easy use and ergonomic, respecting the worksite organization logic.

Focused on 9 indicators.

Giving guarantee of confidentiality and security of database and files created by users.

Verified by engineering firm specialized on life cycle analysis.

Obtaining technical assessment from IDRRIM



REGISTERING PROCEDURE:

Very easy directly on the website:

<http://international.seve-tp.com>.

by the « SEVE referent » from the organism which wants to sign up.

Then the referent will be able to create user accounts by himself.

REGISTRATION:

* Name:

First name:

* Company:

Country:

* E-mail:

* Phone number:

Comment:

* ☐ I accept the terms of use SEVE

[Download the terms of use](#)

All fields * are mandatory

[Request for registration](#)

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