

# Atlas of Reused Concrete Projects

## New project input

Version of June 2025

The Atlas is a database of concrete structural reuse projects in the construction sector, initially developed at EPFL and soon to be available interactively on the [concrete-reuse.epfl.ch](https://concrete-reuse.epfl.ch) website. To contribute to the database and add a project to be referenced on the website, please complete this form and return it to [concrete-reuse@epfl.ch](mailto:concrete-reuse@epfl.ch).

Please include all available information on the proposed project. If the information is not available or confidential, please leave the space blank.

The receiving project is the project that is built or designed using concrete elements. The donor building is the structure from which these elements have been recovered.

Case studies are organized by receiving site -> Thank you for filling one factsheet per receiving project.

---

NOTE: this form is currently being tested. We would be happy to take into account any comments or remarks to improve the quality of the atlas, the data collection and processing process, and collaboration between stakeholders.

COMMENTS on the form :

---

## GENERAL INFORMATION

---

**Case-study name**

---

**Description of case study**  
(max. 600 characters, including spaces)

---

**Case-study actors**  
(architects, engineers, construction  
companies, customers, specialists,  
consultants, ...)

---

**Distance between donor and receiving  
sites (km)**

---

**Reused-element storage time and  
storage location (if any)**

---

**Age of components at start of the reuse  
operation (years)**

---

**Type of concrete reused** ☐ cast-in-situ concrete ☐ Precast concrete ☐ Both

---

**Quantities of components reused**  
(units, volume or mass - to be detailed by  
type of component)

---

**Change of use of the reused concrete  
between the donor and receiving sites** ☐ Yes ☐ No

---

**General comments on the case study**

---

---

## DONOR SITE

---

**Donor-site country**

---

**Donor-site city**

---

**Donor-site address/street**  
(if not confidential)

---

**Donor-site construction years**

---

**Donor-site deconstruction years**

---

**Numbers of floors of the donor  
site**

---

**Use of the donor site**

☐ housing

☐ industry

☐ service

☐ infrastructure

☐ undefined

☐ other : \_\_\_\_\_

**Original function/Type of concrete  
elements  
in donor site**  
(several answers possible - specify in  
comments if necessary)

☐ beam

☐ slab

☐ column

☐ wall

☐ staircase

☐ façade

☐ roof

☐ foundation

☐ pavement

☐ other : \_\_\_\_\_

**Comments on donor,  
extraction process,  
testing protocol,  
elements extracted,  
...**

---

---

## RECEIVING SITE

---

Country of the receiving project

---

Town of the receiving project

---

Address/street of the receiving site  
(if not confidential)

---

Construction years of the receiving site

---

Number of floors in the receiving site

---

Utilisation du projet receveur

<input type="checkbox"/> housing	<input type="checkbox"/> industry	<input type="checkbox"/> service
<input type="checkbox"/> infrastructure	<input type="checkbox"/> undefined	<input type="checkbox"/> other : _____

---

Function of re-used elements in the receiving project  
(several answers possible - use comment box if needed)

<input type="checkbox"/> beam	<input type="checkbox"/> slab	<input type="checkbox"/> column	<input type="checkbox"/> wall	<input type="checkbox"/> staircase	<input type="checkbox"/> façade
<input type="checkbox"/> roof	<input type="checkbox"/> foundation	<input type="checkbox"/> pavement	<input type="checkbox"/> other : _____		

---

Comments on the receiving site,  
the construction process,  
reconnection details,  
storage, ...

---

---

## ECONOMIC AND ENVIRONMENTAL IMPACTS

---

**Environmental impact calculations  
available**

☐ Yes

☐ No

---

**Cost estimate available**

☐ Yes

☐ No

---

Comparison variant  
(to compare environmental impact and/  
or cost estimates)

---

Environmental impact  
calculation units  
(kgCO<sub>2</sub>-eq, UBP, MJ or other)

---

**Difference in environmental impact\***

(percentage %,  
+ if the alternative has higher impacts,  
- if the alternative has lower impacts)

---

Cost estimation currency

---

Cost difference\* (percentage  
(percentage %,  
+ if the alternative is more expensive, - if  
the alternative is less expensive)

---

References/sources for impact  
calculations (if available)

---

\* if available, also indicate absolute values

---

## DOCUMENTATION / REFERENCES

---

**Images available for publication**  
(photos, drawings, details, ...)

☐ Yes

☐ No

---

**Link to download images**  
(or send as attachments)

---

**Photo/image credits**

---

I authorize the use of the images for the  
Atlas website

☐ Yes

☐ No

---

**References**  
(publications, website, ...)

---

**Other comments**

---

---

**CONTRIBUTOR**

*Enter your contact details and personal information.*

---

**Name**

---

**Position**

---

**Entreprise/Institution**

---

**E-mail address**

---

**Role in the proposed  
case study**

---

**Date and signature**

---

Thank you for contributing to the Concrete Reuse Atlas!