

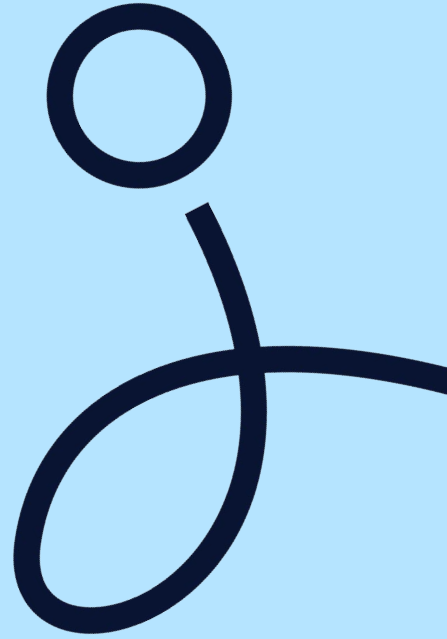


Sirkulær Ressurssentral

...working to make reuse the natural
first choice in the construction industry

Why?

The construction industry produces huge amounts of waste and is responsible for large portion of the total greenhouse gas emissions.





GLOBAL



50%

Raw material extraction



40%

Greenhouse gas
emissions



35%

Waste

NORWAY



20.000

Buildings demolished



16%

Greenhouse gas
emissions



44% / 70%

Recycling

Reuse is part of the solution



CLIMATE & ENVIRONMENT

Immediate effect. Approximately 90-95% reduction in greenhouse gas emission and avoids extraction of raw materials



INTEREST

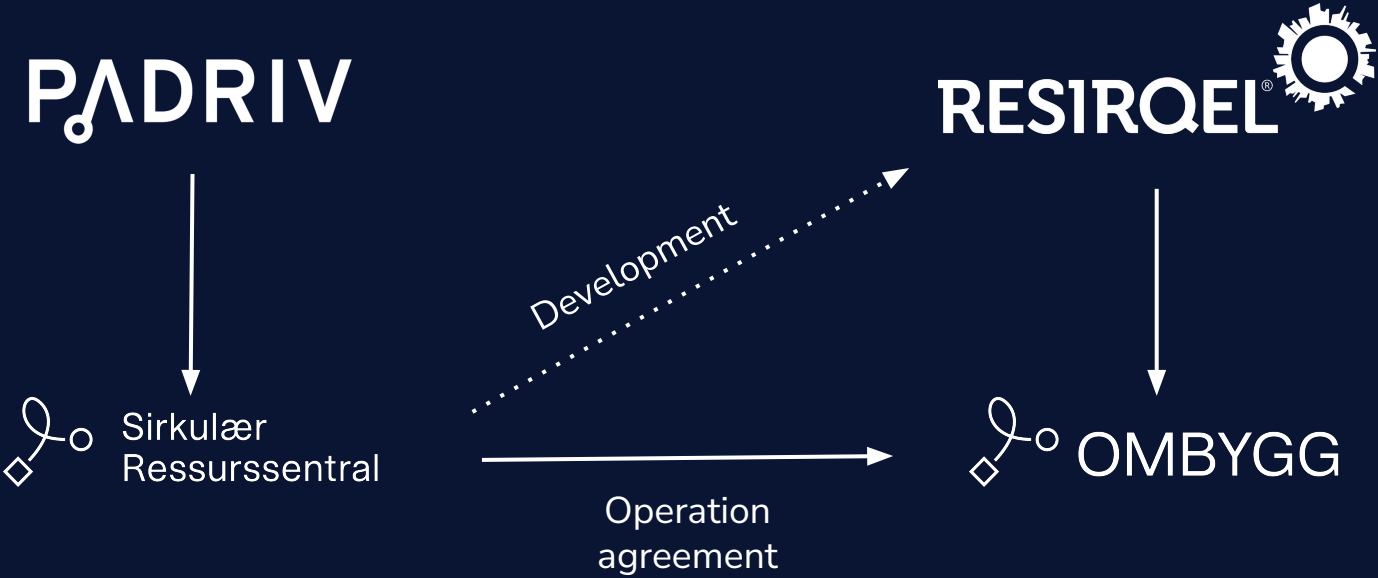
Large and growing interest in the topic



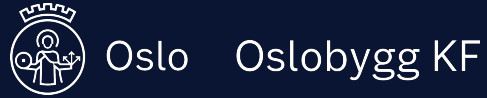
INFRASTRUCTURE

Lacking physical and digital infrastructure to make a sustainable market

ORGANISATION



PARTNERS





OMBYGG

OPERATIONS
AND SERVICES

Ombygg - physical central



4 500 m²

Statsbygg donated the tent, was responsible for assembly and contributed with 2MNOK in additional funding.



7000 m²

Leasing from Oslo Kommune until 31. des 2025



MARCH 2023

Opening 14. march

FUTURE
BUILT

INNOVATION PILOT

The project is FutureBUILT's first innovation pilot

Ombygg - operations

In the starting phase we need to be flexible and able to adjust opening times, staffing and operating equipment.

Opening 8:00 am - 3:00 pm,
monday to friday

Visits by appointment



Tent is not heated



Strict noise requirements



2250 pallets inside and
750 outside



Installing used shelves



Electric truck



Does not provide
transportation

Ombygg - services



Sale

Sale of high quality reused building materials from Ombyggs physical warehouse in Oslo and through digital marketplace “ombygg.no”



Intermediate storage

Leasing of space for intermediate storage of reusable building materials



Donation

Donations with change of ownership and risk. Ombygg provides documentations for material donator on waste reduction.



Profit sharing

For newer and already documented materials Ombygg can provide marketing and sales process with profits sharing between material owner and Ombygg

Ombygg - status August 2023





sirK TRE



[sirK SENTRAL video](#)

Large scale research project funded through the Norwegian Green Platform Initiative



sirkTRE



Value circles



Infrastructure



Supply and demand



Test and
resertification





sirK TRE





IPO - “Digital reuse platform”



Information mapping with users and developers of digital infrastructure for the reuse market



Defining target image and validation with stakeholders



Design sketch



Knowledge and decision-making basis



Kunnskapsarena

National knowledge arena for reuse in the construction industry



EVENTS

The knowledge arena hosts digital and physical events. The goal of the arena is to develop and strengthen the knowledge about reuse in the construction industry.



PROJECTS

The knowledge arena is project owner and instigator of projects aim to make reuse more available



SHARING

Everything produced by the arena and its contributors is shared openly

KNOWLEDGE PROJECTS

01

Application-specific product documentation

Developing application-specific product documentation for chosen materials

02

Standardising calculation and reporting

Making a method for standardising the calculations and reporting of environmental effects of reuse of specific materials.

03

Digital infrastructure

Working together with other actors in the reuse-industry to enable better flow of data for reused building materials.

Partners 2023

- Sirkulær Ressurssentral
- Resirqel
- FutureBuilt
- Aspelin Ramm
- Mustad Eiendom
- Trondheim kommune
- Asplan Viak
- SINTEF
- Pir II
- Remiks Næring
- Gjensidige Forsikring
- Treteknisk
- TreFokus
- Sweco
- Obos
- Entra
- Concreto
- Ragn-Sells
- Multiconsult
- Boligbyggelaget Usbl
- Cowi
- Codex



Next event

Digital, Zoom-meeting

Tema: Reuse in interior design

17. October 2023





Sirkulær
Ressurssentral

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