

**Interreg
Europe**



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INERTWASTE

Obligatory deposition of waste from public construction projects in Maribor

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9 October, 2024 | Marseille



NIGRAD d.o.o.

- 1857 – first organised public utility service in Maribor
- 1952 – post war growth of the city / urbanisation of the city
- 1960 – public utility company renamed – to NIGRAD
- 1999 – Nigrad becomes accredited for laboratory activities
- 2018 – Nigrad becomes EU DEMO partner for transition to CE

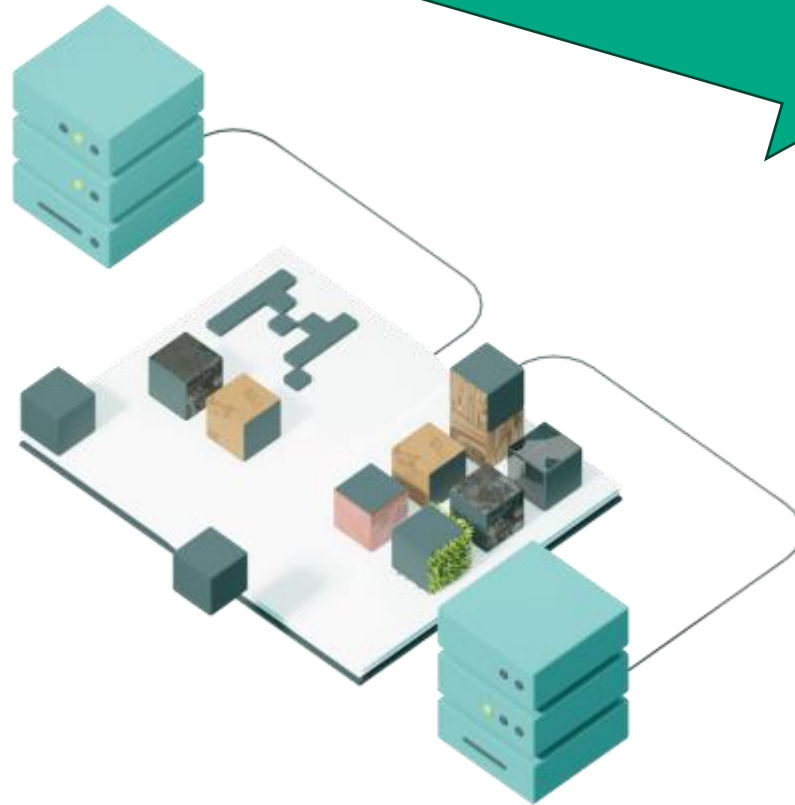




Madaster



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Nigrad

Based on knowledge transfer in the project, Nigrad:



Started the Bank of Materials

Introduced Material Digital Passport

Cleaned illegal dumps

Revitalized degraded area

Constructed of infrastructure

Bank of materials

- Green concrete blocks for seperation of materials
- Collecting construction waste materials – except land excavation (due to spatial restraints)



Concrete

Brick



Stone

Ceramic tile



Glass

Metal scrap



Gypsum board

Wood



Plastic

Paper



Digital material passport



The Material Digital Passport is a tool that encapsulates detailed information about materials, providing transparency and traceability throughout its lifecycle. This passport serves as a critical component in supply chain collaboration, offering an extensive database of material origins, properties, processing methods, and end-of-life options.

National situation:

- 2022 Zakon o varovanju okolja (2)
 - only defines what is construction waste
- 2008 Uredba o ravnanju z odpadki, ki nastajajo pri gradbenih delih
 - mostly deals with excavated land
 - waste can be stored temporarily at the site
 - an official company collecting construction waste must take the waste from construction sites (over 200 small companies)



| No. of municipalities | Waste collecting companies |
|-----------------------|----------------------------|
| 212 | 207 |
| Average population | 10.018 |
| Biggest | 297.575 |
| Smallest | 331 |





MESTNA
OBČINA
MARIBOR



Odlok o načinu
opravljanja lokalne
gospodraske javne službe
rednega vzdrževanja
občinskih javnih cest in
drugih prometnih površin
v Mestni občini Maribor

Maribor, 16.03.2023

DECREE – in power since May 1st, 2023

Article 15: Providing opinion building permits and connection to existing public road infrastructure;

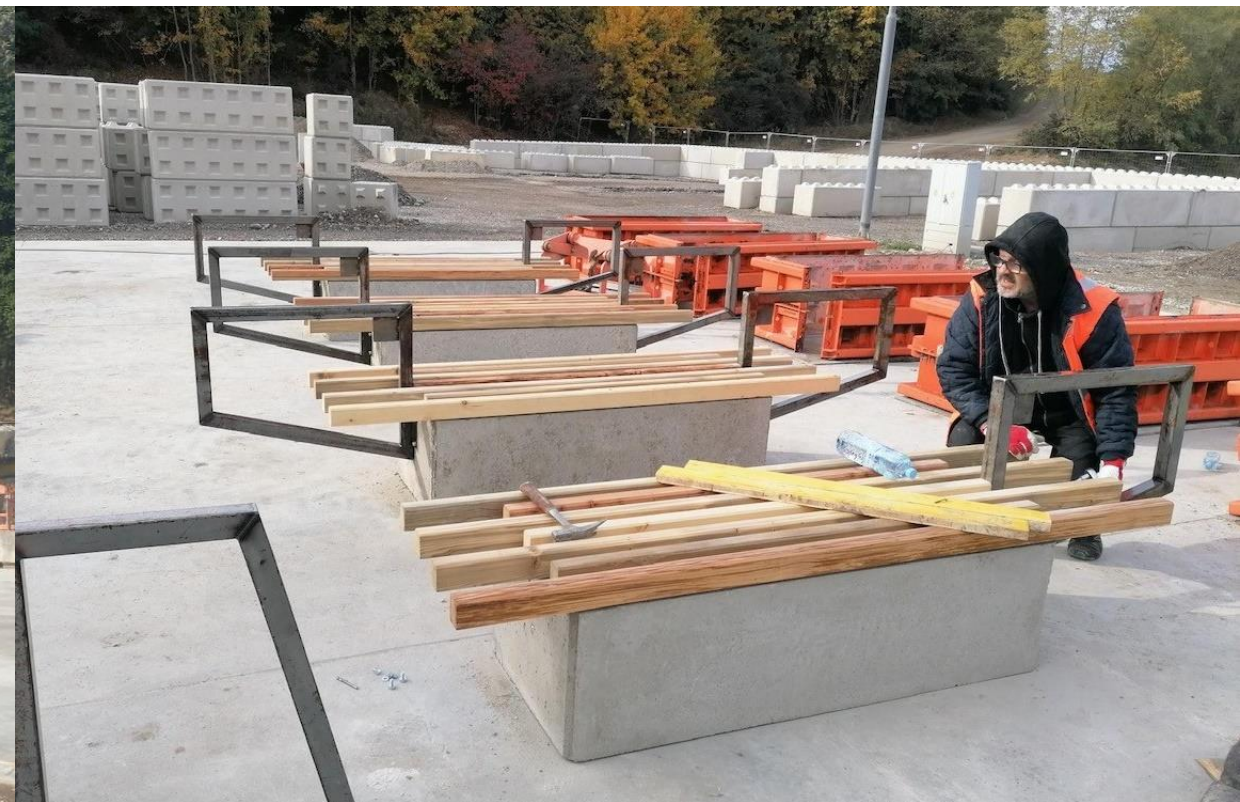
Article 16: Authorization for inert construction waste + "other elements declared by the public service provider or representative of the city municipality" at the demolition site

Article 17: In charge of public cadastre of public infrastructure on this decree

Article 18: Municipal inspection is charged with monitoring and regulating the implementation of the decree

What changed for Nigrad?

Based on the city decree, Nigrad is the only company in the municipality of Maribor, to which the constructors can bring waste removed from the construction site of public construction projects, and at the same time, they have to give consent for the permit for demolition and construction, so they know what materials are present at the demolition/construction site.

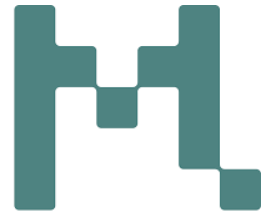
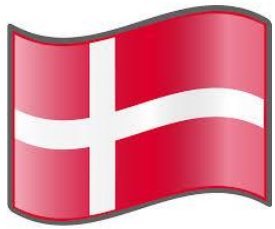


Next steps

- Obtaining neighbouring land
- Expanding to neighbouring municipalities



- Obtaining permit for other types of inert waste (non-construction)



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SKUPINA JHMB | **igrad** Z ustani bo od 1857



Odlok o načinu opravljanja
lokalne gospodraske javne
službe rednega vzdrževanja
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Thank you!

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