

DESCRIPTION

The ENCI quarry is situated in the south of Maastricht and less than 3 km away from the Belgian border. The active limestone quarry is 135 ha (of which 70 ha has already been restored or will come to the end of extraction). In 2018 ENCI will stop excavation and hand over the restored quarry to the Vereniging Natuurmonumenten in 2020.

In 2009, a transformation plan was developed by ENCI together with the City of Maastricht, the Province of Limburg, Vereniging Natuurmonumenten and the Sint Pietersberg Adembenemend, a representation of local communities neighbouring the ENCI area. In 2010 these five stakeholders established the Foundation for Development of the ENCI Area "Stichting Ontwikkelingsmaatschappij ENCI-gebied".

The plan contains four subareas:

- the limestone quarry (nature conservation with public access)
- the business park (light industry)
- the transition zone connecting bussiness park and the quarry
- the quay

Restoration will also provide a number of new connections (i.e. between Maastricht and Belgium).



PLANNED RESTORATION STATE

- Managed nature conservation with public access

RELEVANT ECOSYSTEM SERVICES:

- Maintaining nursery populations and habitats ■■■
- Global climate regulation ■□□
- Physical use of landscapes ■■■



ALTERNATIVE RESTORATION STATE

- Natural colonisation, unmanaged, no public access

RELEVANT ECOSYSTEM SERVICES:

- Maintaining nursery populations and habitats ■□□
- Global climate regulation ■■■



RELEVANT ESS CICES Class	FINAL ESS	ASSESSMENT METHODS	DATA REQUIREMENTS
<i>Maintaining nursery populations and habitats</i>	<i>Existence of rare species</i>	<ul style="list-style-type: none"> ▪ Choice experiments 	<ul style="list-style-type: none"> ▪ WTP for nature management
<i>Global climate regulation</i>	<i>Carbon storage and sequestration</i>	<ul style="list-style-type: none"> ▪ Field surveys combined with InVEST modelling. (Mg and Mg yr⁻¹) 	<ul style="list-style-type: none"> ▪ Soil samples/depths and vegetation measurements from restored quarry areas ▪ Soil samples/depths and vegetation measurements from naturally-colonised site nearby
<i>Physical use of landscapes</i>	<i>Nature-based recreation</i>	<ul style="list-style-type: none"> ▪ Visitor surveys ▪ Choice experiments 	<ul style="list-style-type: none"> ▪ visitor numbers ▪ costs of restoration measures ▪ WTP for nature-based recreation