

# The Climate Pact in Luxembourg and its implementation in the member municipalities of the Nature Park Our

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**“... the social norm effect... and self-efficacy are the main drivers of widespread dietary changes. These findings stress the importance of value-driven actions motivated either by intrinsic identity or by group dynamics over health and climate risk perceptions in steering diet change dynamics.”**

***Acting climate-friendly should be the social norm***

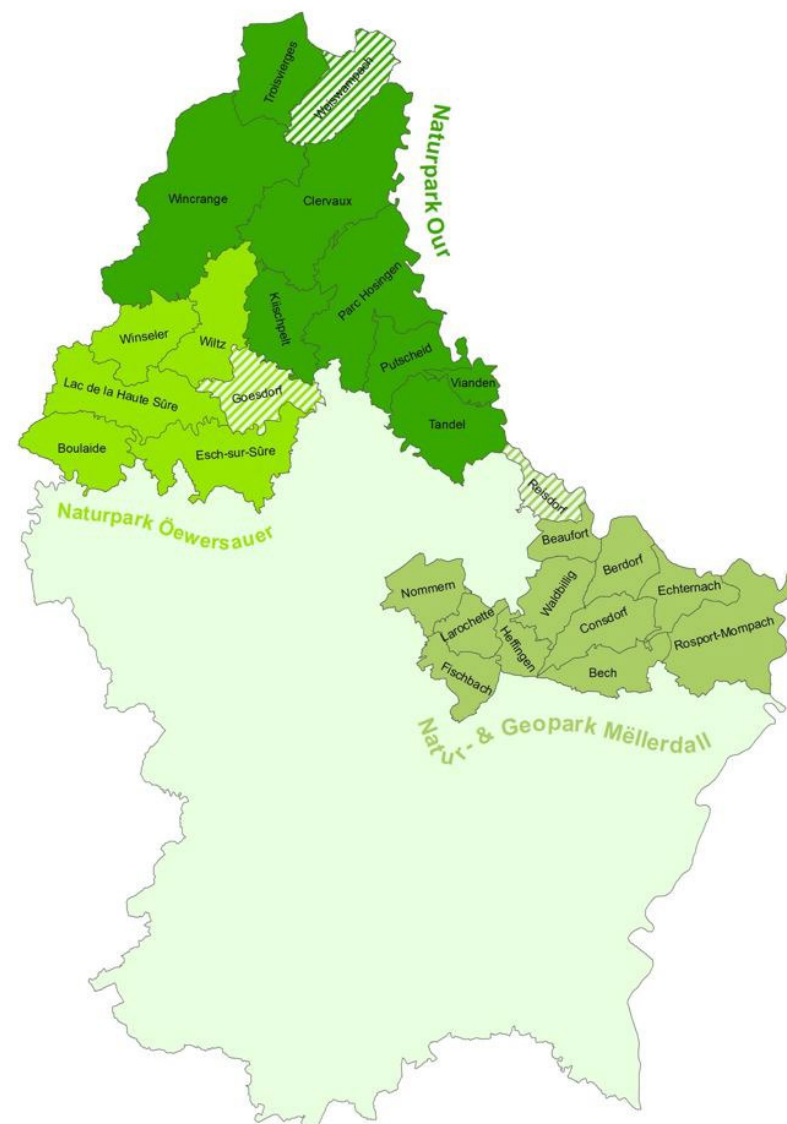
Source: Eker S. et al. Modelling the drivers of a widespread shift to sustainable diets. *Nature Sustainability* 2, 725-735 (2019)





## THE NATURE PARK OUR

- Creation: 09.06.2005  
(„règlement grand-ducal“)
- Extension & enlargement: 2015  
(until 2025)  
*Guiding theme: Nature and Landscape*
- 8 member municipalities (Clervaux, Kiischpelt, Parc Hosingen, Putscheid, Tandel, Troisvierges, Vianden, Wincrange)  
Candidate for membership: municipality Weiswampach
- Surface area: 420 km<sup>2</sup>
- Inhabitants: approx. 24,000 inhabitants



## THE NATURE PARK OUR

- Regional cooperation platform
- Inter-municipal approach based on solidarity
- Service structure for municipalities (e.g. regional GIS, climate pact, nature pact, photo database, Interreg Coordination Unit, etc.)
- Regional partner for ministries and government agencies
- Different roles for the nature park: initiator, *project leader*, coordinator, communication, advisor, lobbyist, etc.
- Setting up and maintaining a network of local, regional, national and international actors

### NACHHALTIGE REGIONALENTWICKLUNG



Diagram: Sustainable regional development

ECO  
Energy, Climate, Our



**ECO** | Energy Climate **OUR**  
Äre Service am Naturpark **OUR**



Naturpark**OUR**

## ECO UNIT PRESENTATION – WHO WE ARE

### TEAM:

Daniel Gliedner: Light consultant

Marc Steinert: Climate Pact – project manager

Martin Hamm: Climate Pact – project manager

Fabian Heinzus: Climate Pact – project manager / light consultant



### **Service for municipalities (thus for all citizens and business companies):**

- ✓ Integrated approach (scientific and practical support)
- ✓ Involvement of citizens and other stakeholders
- ✓ Local, regional, supra-regional, national and international synergy effects

## ECO UNIT TASKS

- 1. Certification process in the Climate Pact for our municipalities**
- 2. Project management and consulting service in the areas of:**
  1. Renewable energies
  2. LED lighting & light pollution
  3. Circular Economy
  4. Energy efficiency & sufficiency
  5. Climate adaptation
  6. Energy monitoring & networking
  7. Sustainable mobility
  8. National and municipal funding programs

### 3. Projects

Initiating, developing and implementing climate protection projects in the region



europaean  
energy award



## CLIMATE CHANGE OBJECTIVES

- Pursuing the goal of municipal climate neutrality by 2050
  - ✓ 100% renewable energy for heat/electricity
  - ✓ 3% refurbishment rate of municipal buildings
  - ✓ 100% electrification of vehicle fleet
  - ✓ Energy efficiency increase of 44% (by 2030)
- Pursuing the goal of climate neutrality in the municipal area by 2050
  - ✓ Role model effect Municipality/ municipal representatives
  - ✓ Promotion and awareness-raising by the municipality





## CLIMATE PACT – WHAT IS IT?

**KlimaPakt** | EUROPEAN ENERGY AWARD  
 Meng Gemeng engagéiert sech

Program of the Ministry of the Environment, Climate and Sustainable Development to support Luxembourg's municipalities in their efforts towards a sustainable energy transition and climate protection.

### Based on:

- Luxemburgish law (2020) defining the climate pact until 2030
- Contract between state, national climate agency and municipality
- Key document: Catalogue of Measures from the EUROPEAN ENERGY AWARD (EEA)



**PacteClimat** | EUROPEAN ENERGY AWARD  
 Ma commune s'engage pour le climat  
 45%

**PacteClimat** | EUROPEAN ENERGY AWARD  
 Ma commune s'engage pour le climat  
 50%

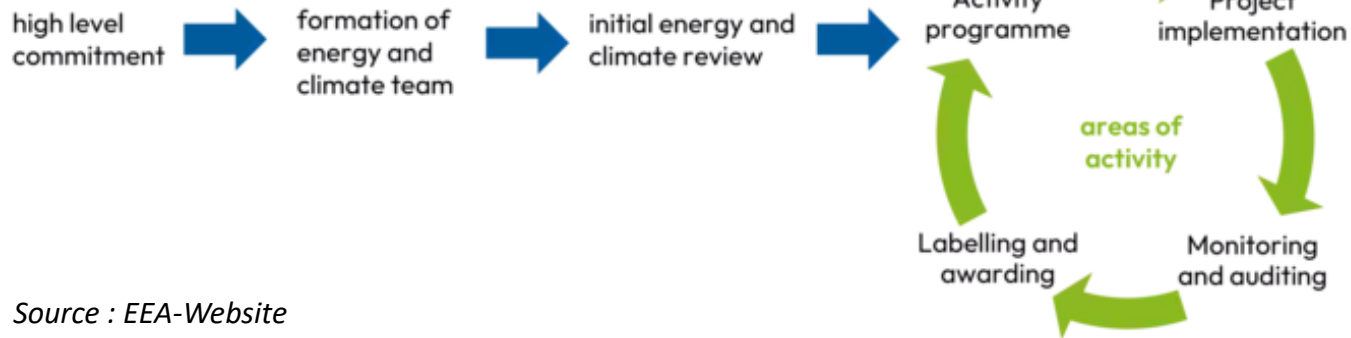
**PacteClimat** | EUROPEAN ENERGY AWARD  
 Ma commune s'engage pour le climat  
 65%

**PacteClimat** | EUROPEAN ENERGY AWARD  
 Ma commune s'engage pour le climat  
 75%



## HOW DOES THE EEA-PROGRAM WORK?

### Initiating the process



Source : EEA-Website

- Certification for municipalities with an above-average commitment to energy and climate policy.
- Extensive process that leads the respective municipality through the various stages to the label and thus to a sustainable energy, transport, climate and environmental policy.

## EEA CATALOGUE: 6 CATEGORIES IN LUXEMBOURG



### Development & Spatial Planning

- Climate and energy strategy and concept
- Climate friendly development plan
- Tools & rules



### Municipal buildings & facilities

- Energy and Water management
- Performance Indicators and Efficiency



### Supply & disposal

- Local energy production
- Waste and resources management



### Mobility

- Mobility strategies
- Parking management
- Unmotorized transport
- Public transport



### Internal Organisation

- Internal structures
- Live-long learning
- Budgeting



### Communication, cooperation

- Communication strategies
- Multipliers (Stakeholders)
- Supporting private initiatives

➤ In total 69 different measures with different weighting (500 Points in total)

# EEA- CATALOGUE: EXAMPLE

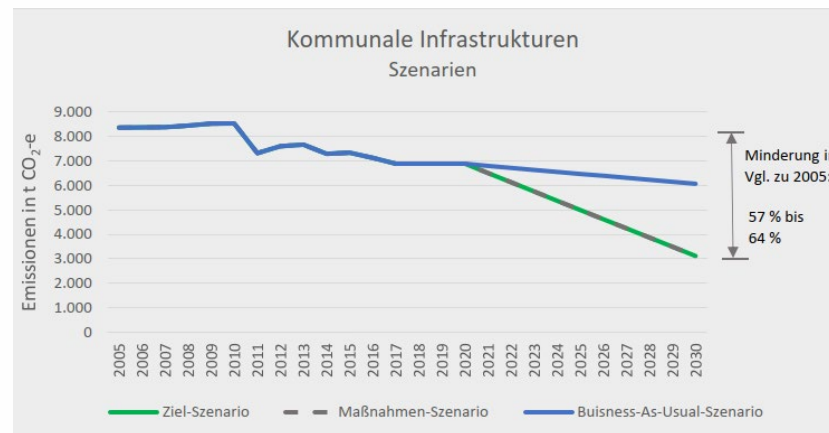
## 1. Development & Spatial Planning

### Municipal concept and strategy

#### 1.1 Climate and energy strategy and concept

The municipality has binding guiding principles comprising qualified and quantified energy and climate (neutrality) targets for local policies that are in line with or more ambitious than national targets and cover all area of eea.

The guiding principles are concretized within the framework of a concept which is aligned with medium-term and long-term goals and strategies towards climate neutrality. It contains a quantified pathway for increasing energy sufficiency and efficiency, expanding the share of renewable energies and reducing CO2 emissions.



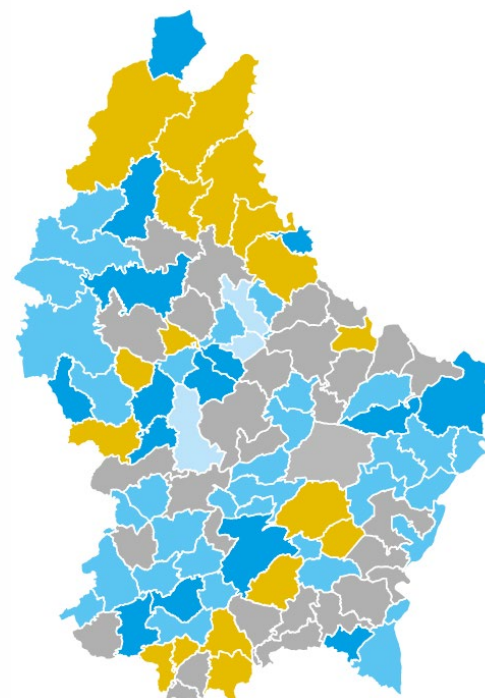
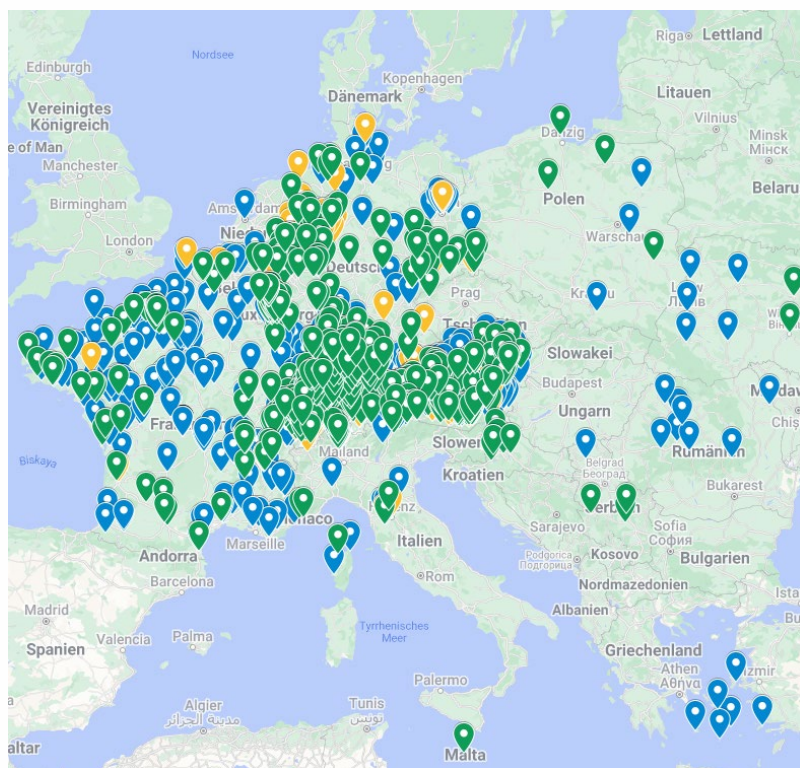
Klimaschutzstrategie 2030 +

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- Leitbild, Anwendung und Maßnahmen -

Kommunale Infrastrukturen	
K1	Erarbeitung gemeindefeinspezifischer Sanierungspfade für die kommunalen Gebäude
K2	Technische Umsetzung Sanierungsfahrplan für die kommunalen Gebäude
K3	Integration Energiemanagement in öffentliche Gebäude
K4	Ernennung eines Klimaschöpfen
K5	Technische Umstellung der öffentlichen Beleuchtung
K6	Integration von Fotovoltaik auf allen geeigneten öffentlichen Gebäuden und Infrastrukturen
K7	Heiztechnik-Check an ausgewählten öffentlichen Gebäuden
K8	Umstellung jeglicher Beleuchtung in öffentlichen Gebäuden auf LED
K9	Elektrische Verbraucher
K10	Nutzen von Abschaltsteuerungen in Arbeitsräumen
K11	Städtische und ländliche Entwicklung
K12	Forst- und Landwirtschaft
K13	Nachhaltige Baustoffe
Privater Sektor	
P1	Masterplan zur Energieeffizienz für private Gebäude
P2	Anreize zur Nutzung von Energiesparkonto setzen
P3	Kommunale Standards für Pacte Lodgement 2.0
Wirtschaftssektor	
W1	Prämie für Umstieg auf Ökostrom
W2	Potenzialanalysen für Gewerbegebiete
W3	Beratungsoffensive für Gewerbebetriebe
W4	Konzept zur Abfallvermeidung von Lebensmitteln
W5	Bestandsaufnahme, Zusammenarbeit und Unterstützung von Initiativen
Mobilitätssektor	
M1	Schulungsangebote von Fahrschulen für spritsparendes Fahren
M2	Optimierung der Auslastung des ÖPNV
M3	Mobilität- und Verkehrsplanungskonzept
M4	Kommunale Fahrzeugflotte
Öffentlichkeitsarbeit	
O1	Veröffentlichung der vergangenen und der nächsten Klimaschutzmaßnahmen auf der Gemeindehomepage

## WHO IS PARTICIPATING? 1.900 MUNICIPALITIES AND CITIES!



### Weiswampach

ANZAHL DER EINWOHNER  
2.005

BERATER  
Martin Hamm (Naturpark Our)

BEITRITTSDATUM ZUM KLIMAPAKT  
05/08/2021

DATUM DER LETZTEN ZERTIFIZIERUNG  
12/07/2022

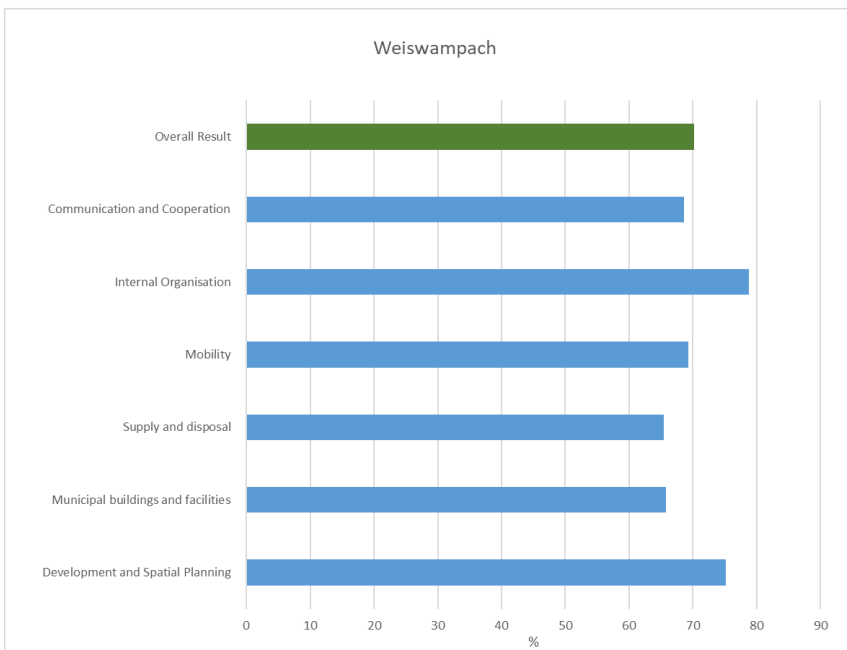
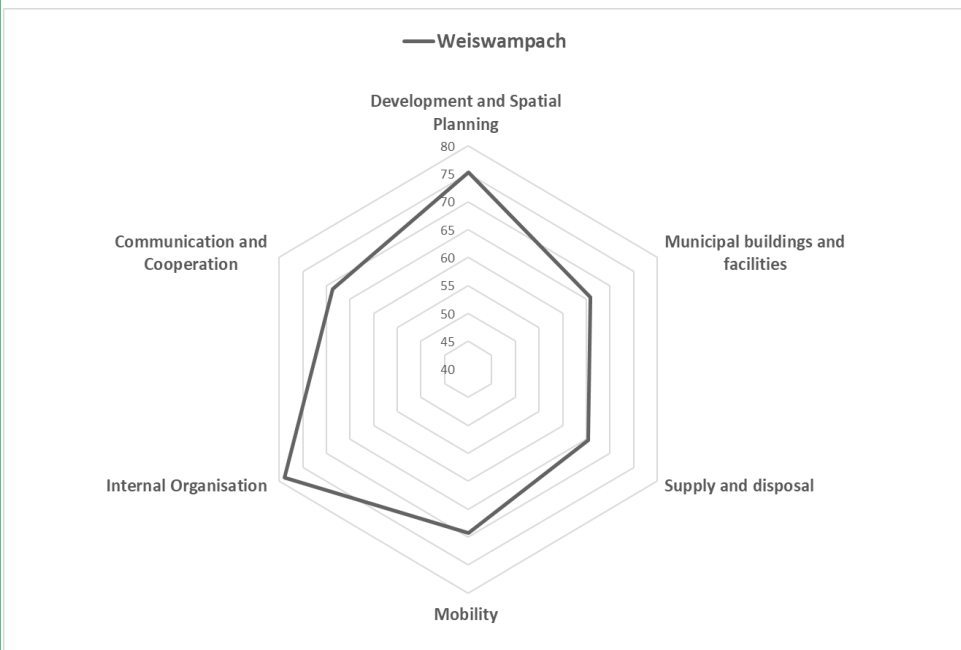
ZERTIFIZIERUNGSKATEGORIE  
Kategorie 3 (65%) (70,2%)

WEBSITE  
<https://www.weiswampach.lu>

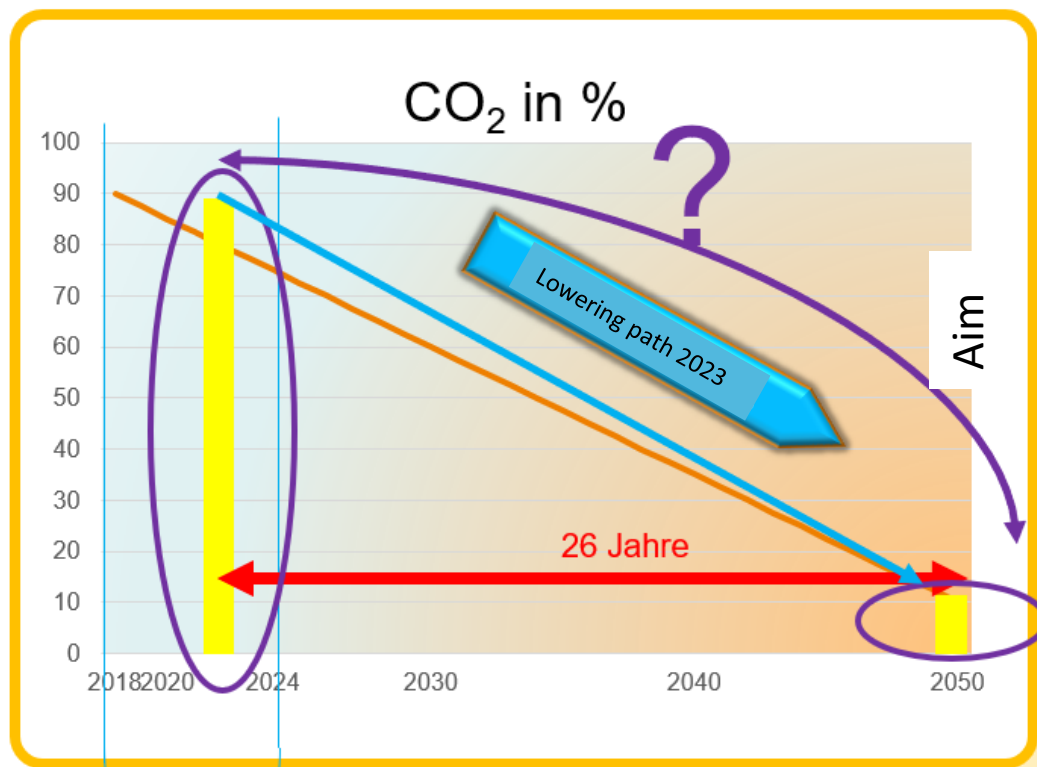
+ WEITERE INFORMATIONEN



# INTERIM RESULT



## CHALLENGES



Activity Programm



## YEARLY TO DO's

- Annual report: Presentation of the annual implementation with reduction paths etc.
- Presentation of the annual report to the municipal council
- Revise activity program
- Create budget planning
- Publication of annual report
- Publication of signed activity program







Thank you very much  
for your attention!



europa's  
NATURE  
REGIONAL  
LANDSCAPE **PARKS**



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Contact:

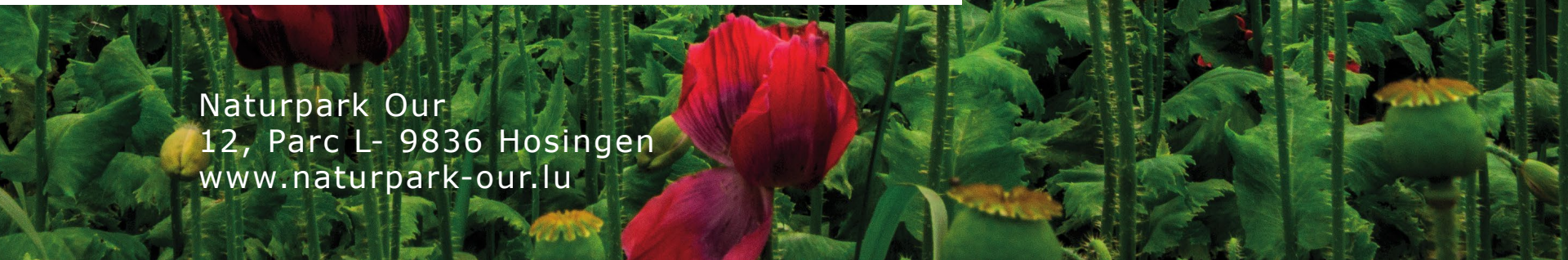


[fabian.heinzius@naturpark-our.lu](mailto:fabian.heinzius@naturpark-our.lu)

[simone.zanter@naturpark-our.lu](mailto:simone.zanter@naturpark-our.lu)

+352 621 966 760

+352 90 81 88 646



Naturpark Our  
12, Parc L- 9836 Hosingen  
[www.naturpark-our.lu](http://www.naturpark-our.lu)