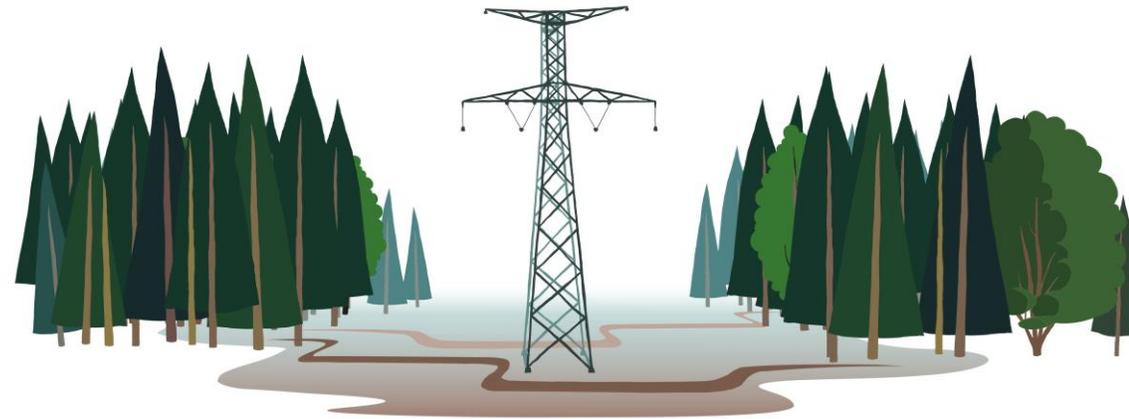
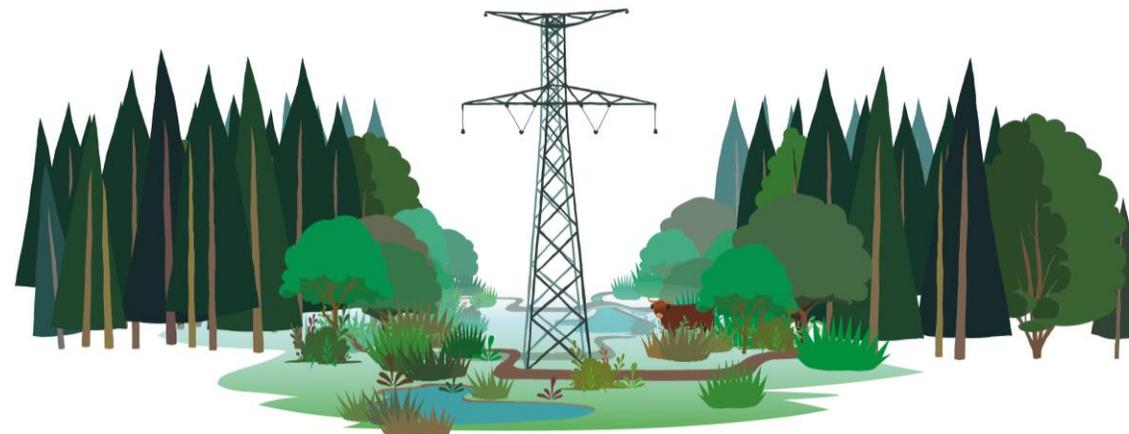




LIFE Elia-RTE project  
LIFE 10/NAT/BE/709



Alternative vegetation management  
in favour of biodiversity  
in forest corridors of HT and THT lines  
in Belgium and in France



Gérard JADOUL  
Coordinator

# 1. Project editing



**Budget : 2,5 M € → 3,2 M €**

- \*  36 %
  - \*  25 %
  - \*  24 %
  - \*  15 %
- } **39 %**



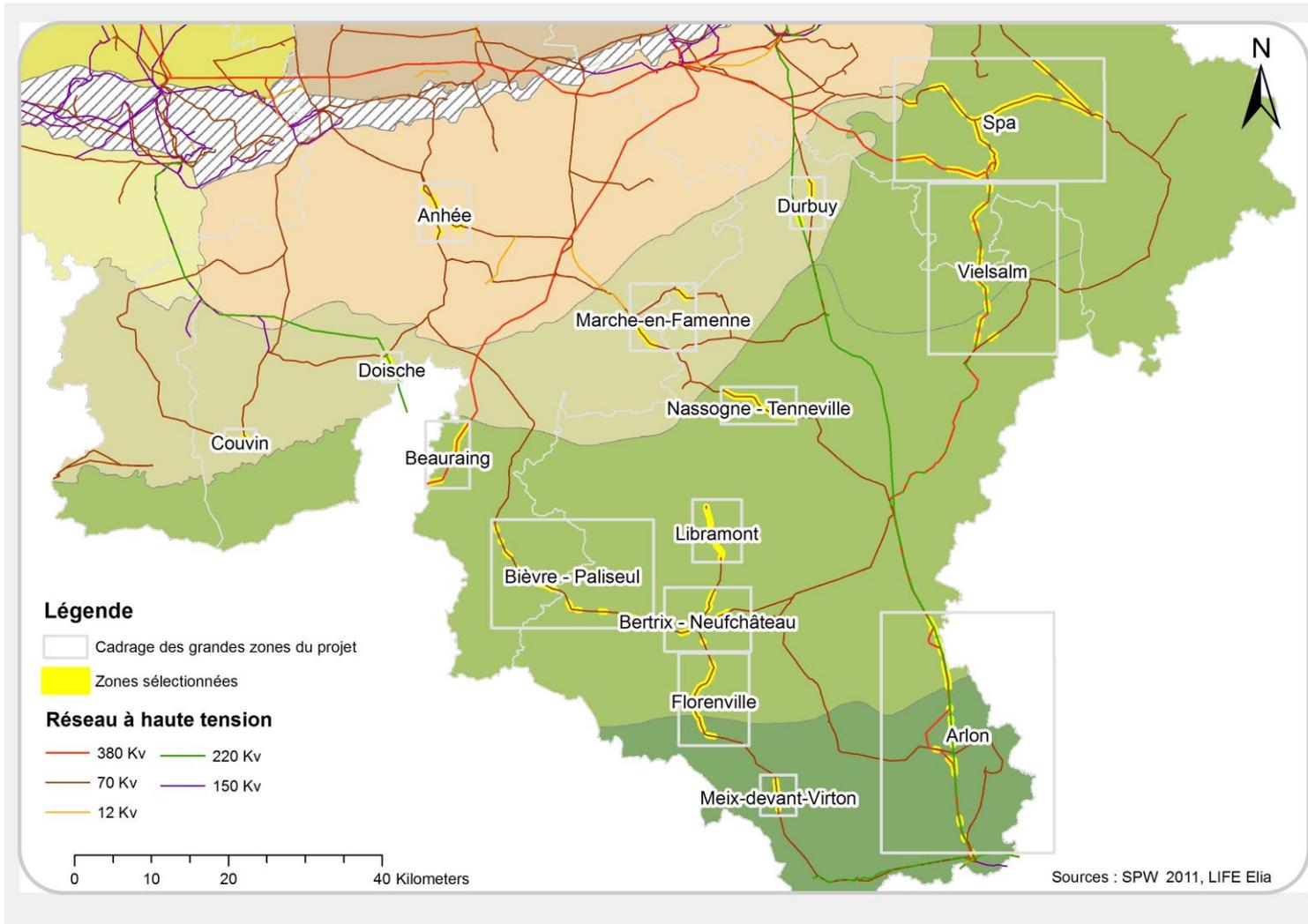
**Duration : 09/2011 – 08/2016 → 12/2017**

**Team : 6 → 7 (5,2 ETP)**

**28 sites in Belgium**

**7 sites in France**

## 2. Location of the project



### 3. Project stakeholders network



#### Landowners

50 municipalities, landowners under powerlines = municipal deliberation

220 private landowners contacted for agreement

#### Forest managers

DNF territorial administration

8 regional directions

24 local directions

81 forest yard

#### Rurality stakeholder in France

3 Regional nature parks

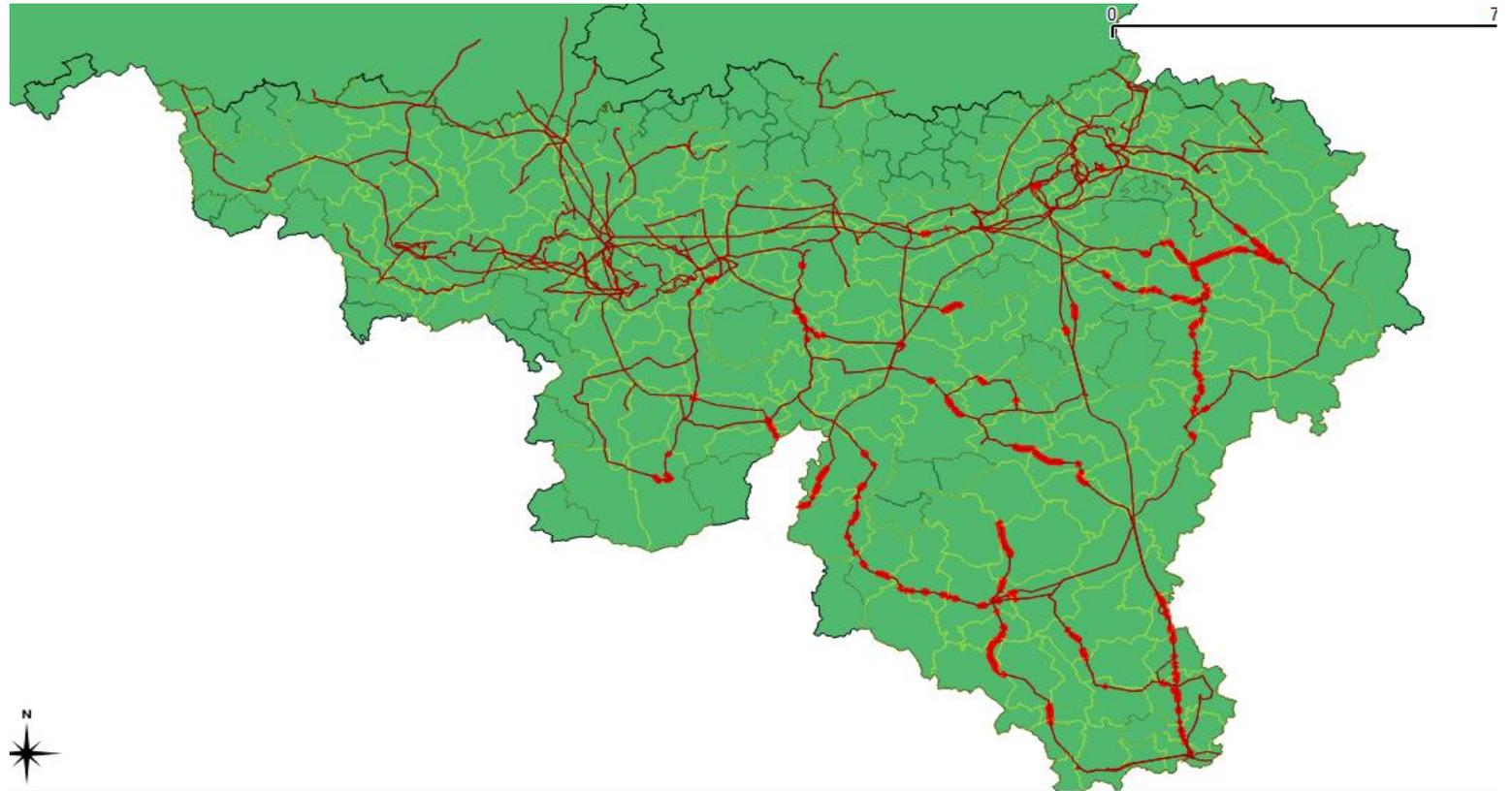
ONF (forestry administration)

1 departmental federation of hunters

2 National nature reserves

10 Municipalities

80 private landowners



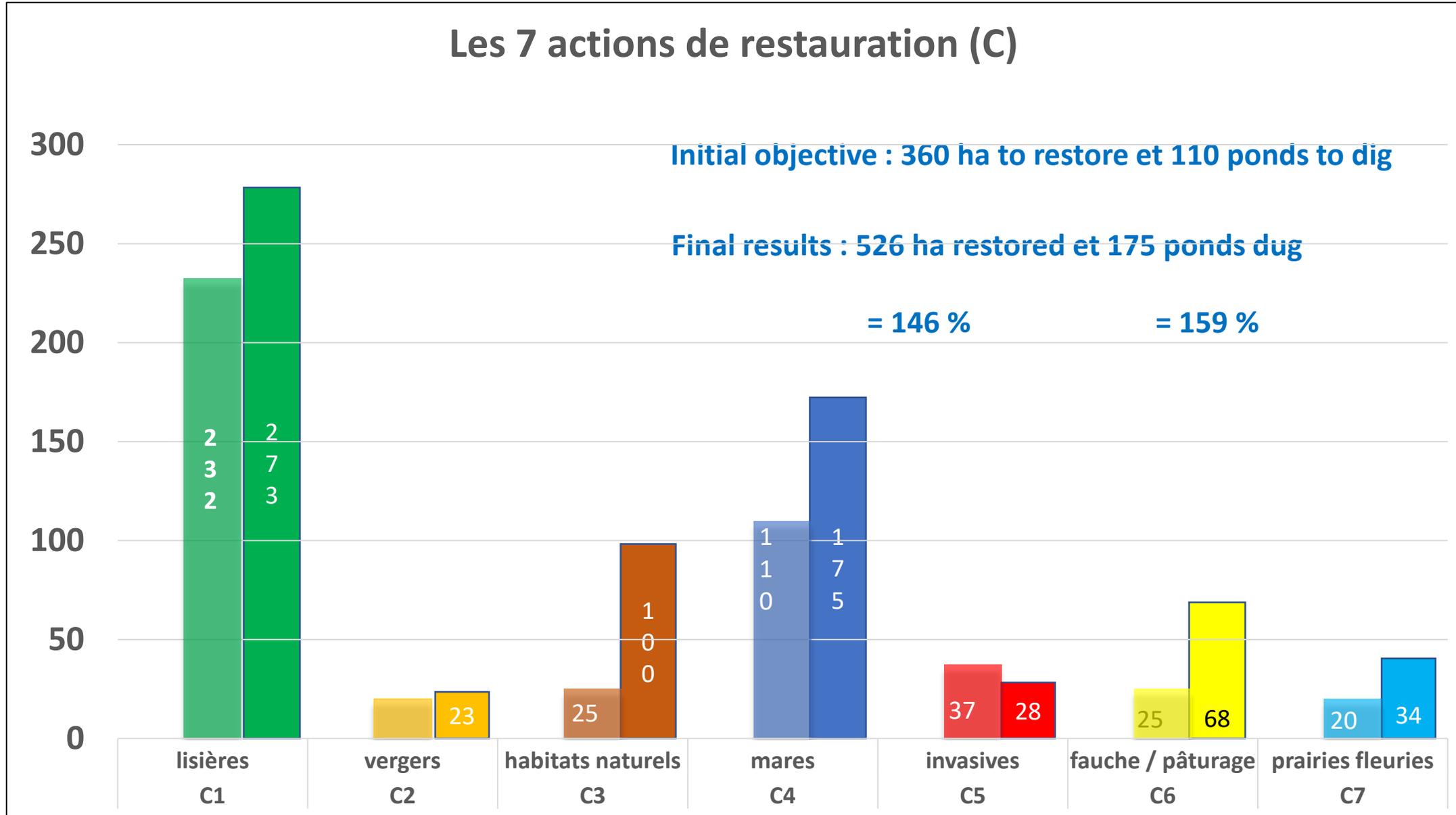
#### 4. Restoration actions (C) in Walloon Region and in France



275.500 forest seedlings  
21.000 fruit trees

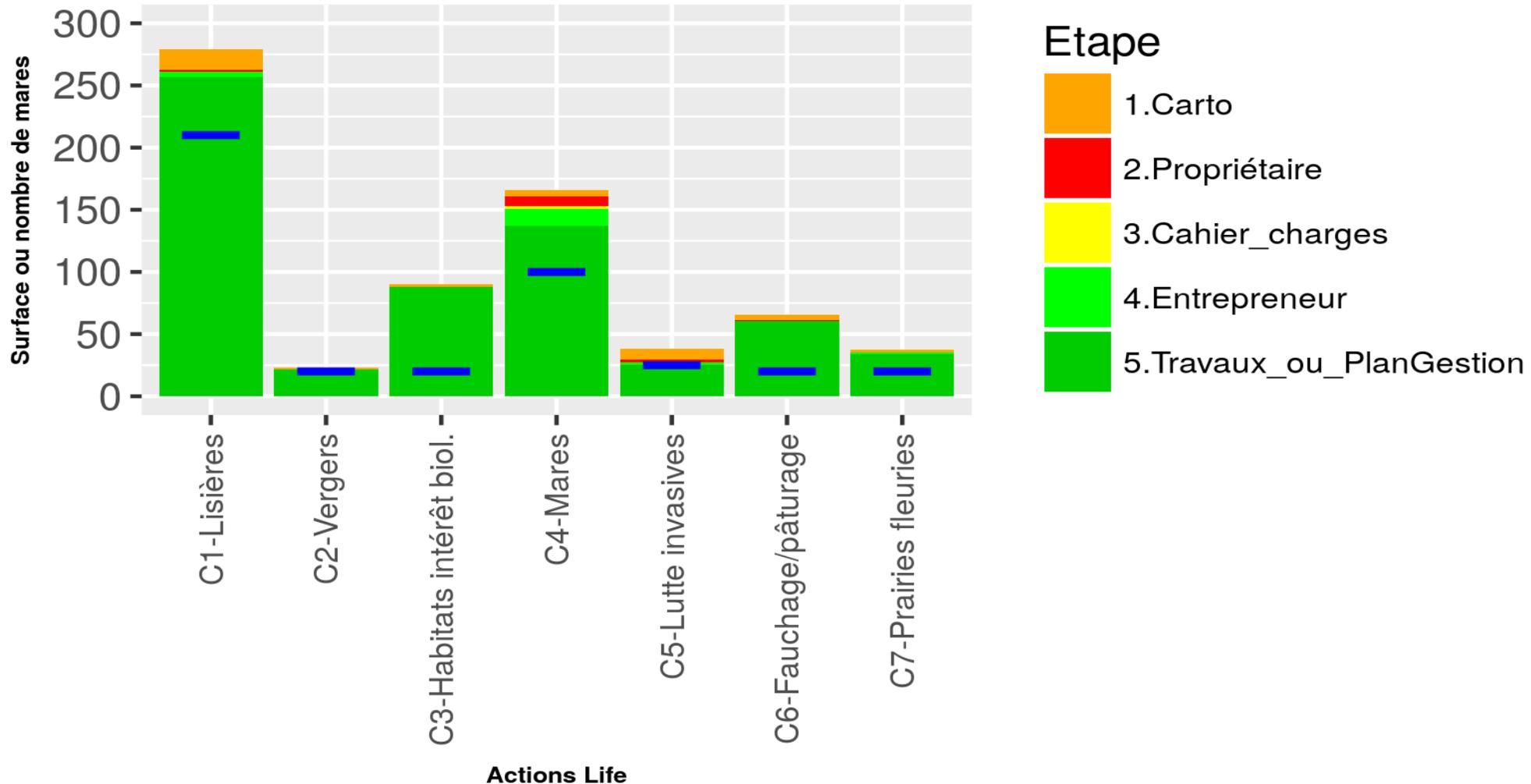


#### 4. Restoration actions (C) in Walloon Region and in France





## Progression des actions (2017-11-18) + Objectif (barre bleue)



## 5. Monitoring LIFE Elia-RTE

### BIOLOGICAL INDICATORS

### ECONOMICAL

Costs-benefits analysis (see point 8)



# 6. Communication - Trainings



creating green corridors under overhead lines

- Le projet
- Actions
- Partenaires
- Sites travaillés
- Nos publications
- Actualités
- Médiathèque

fr | en | nl



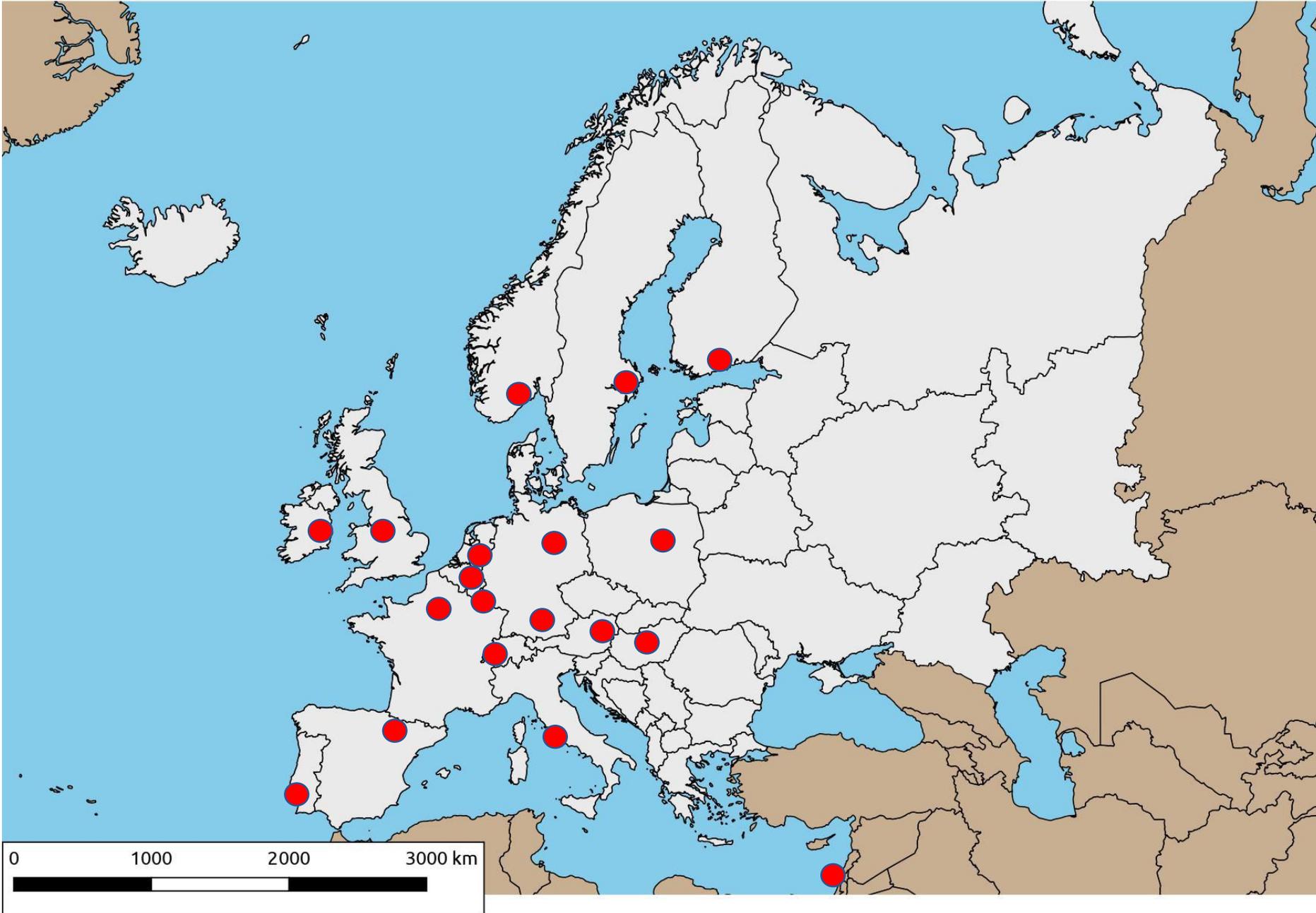
Transformons les tracés de lignes à haute tension en couloirs verts

aménager et restaurer **+ de 300 ha** sensibilisation **public spécialisé & large public** transfrontalier



127 News = 1,7 per month

## 7. European networking



17 countries visited

CIGRE

Entso-e

CEE

CILB

ITTECOP

International land  
conservation network

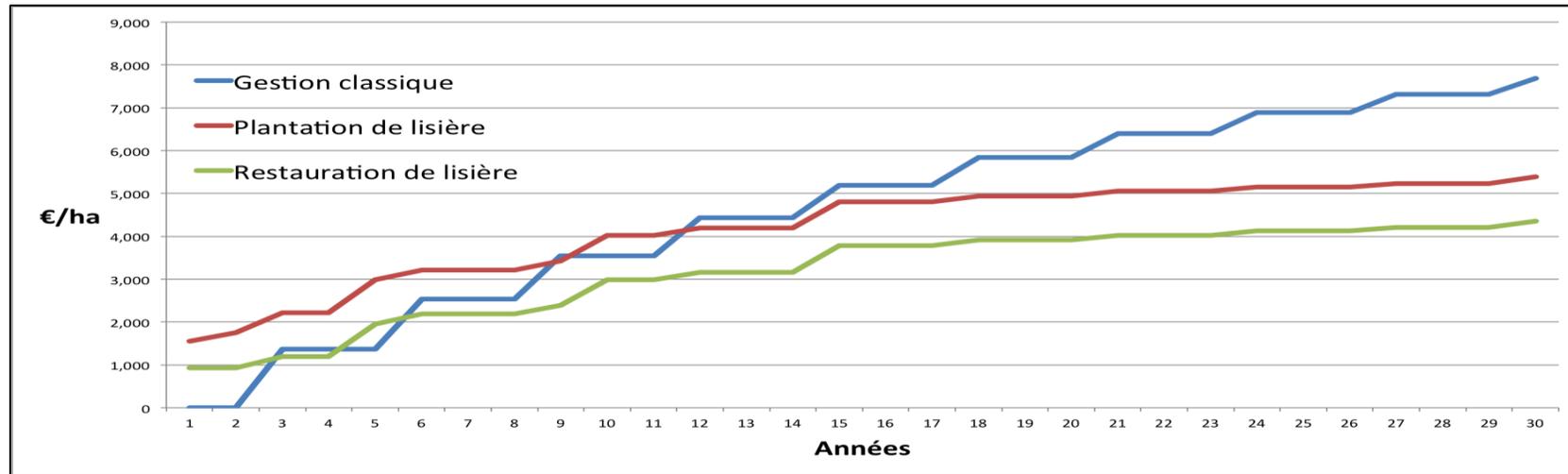
Best grid

IENE

REN

RGI

## 8. Cost-benefit analysis



Cost – benefit analysis

## 8. CBA : results



Actions	Comparison traditional management/LIFE method		With WACC = 5%
	Return on investment	After 30 years	After 30 years
Planted edges	9 years	1.9 times cheaper	1.4 times cheaper
Restored edges	3 years	2.1 times cheaper	1.8 times cheaper
Pasturage	6 years	2 times cheaper	1.8 times cheaper
Pasturage in hard conditions	5 years	4.7 times cheaper	3.9 times cheaper
Mowing	6 years	4.9 times cheaper	2.5 times cheaper
Natural habitats (heathlands)	3 years	5.3 times cheaper	3.9 times cheaper
Natural habitats (peatlands)	9 years	3 times cheaper	1.8 times cheaper

