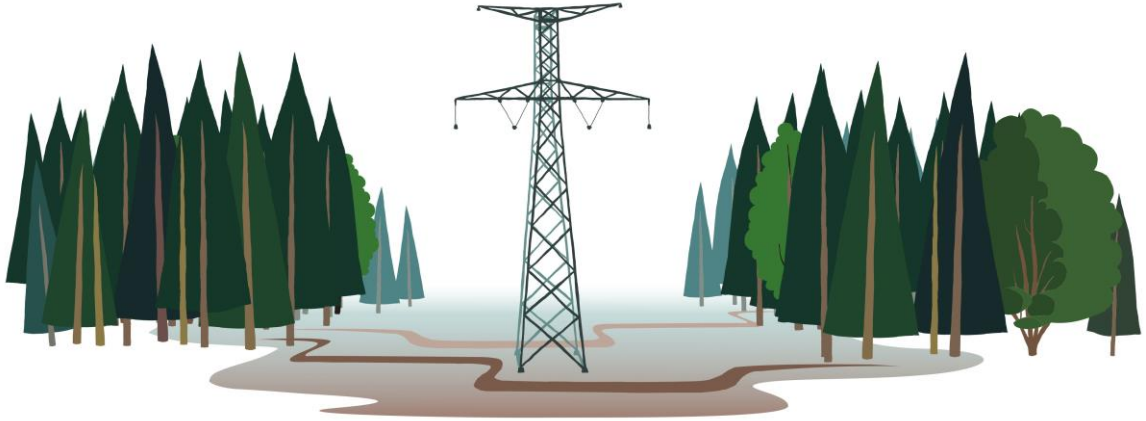
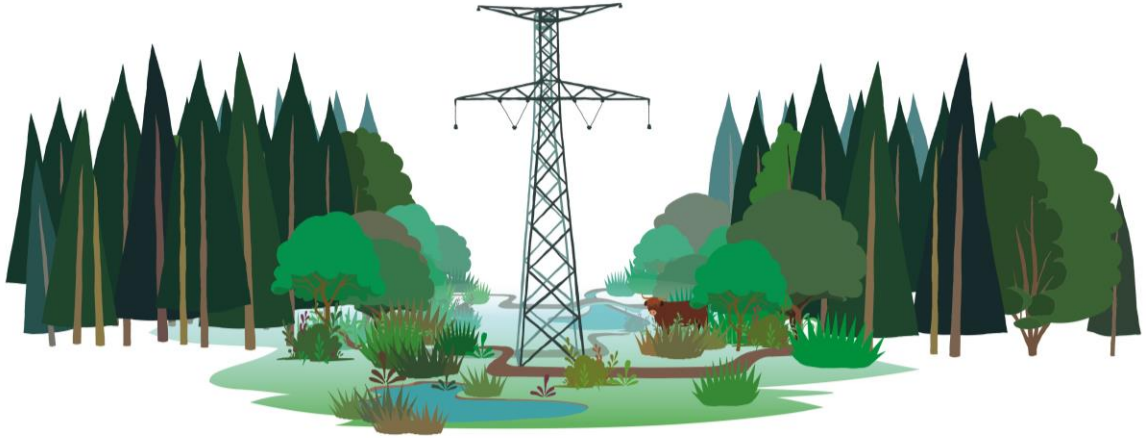


LIFE Elia-RTE project
LIFE 10/NAT/BE/709

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 %

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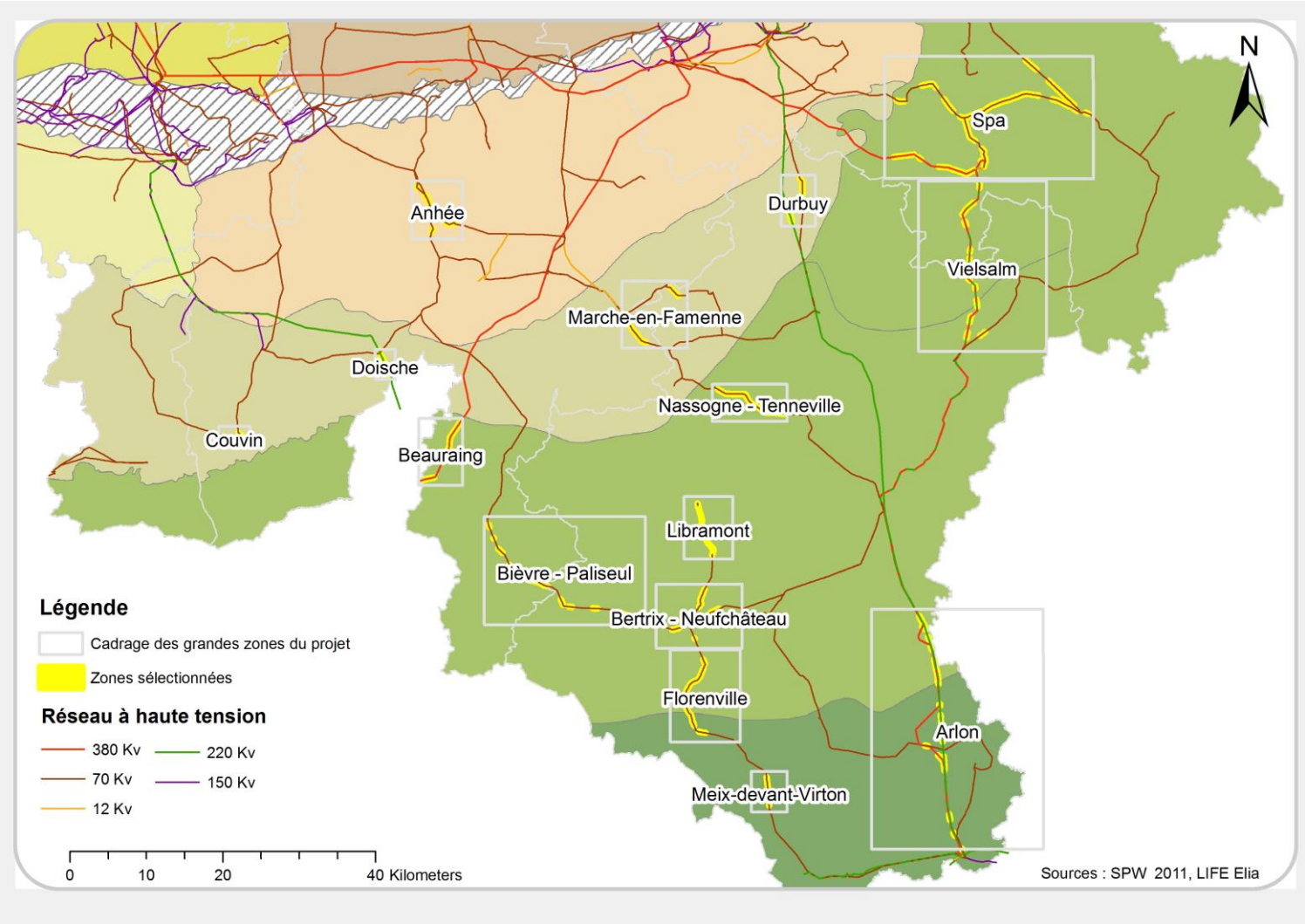
Duration : 09/2011 – 0~~8/2016~~ → 12/2017

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

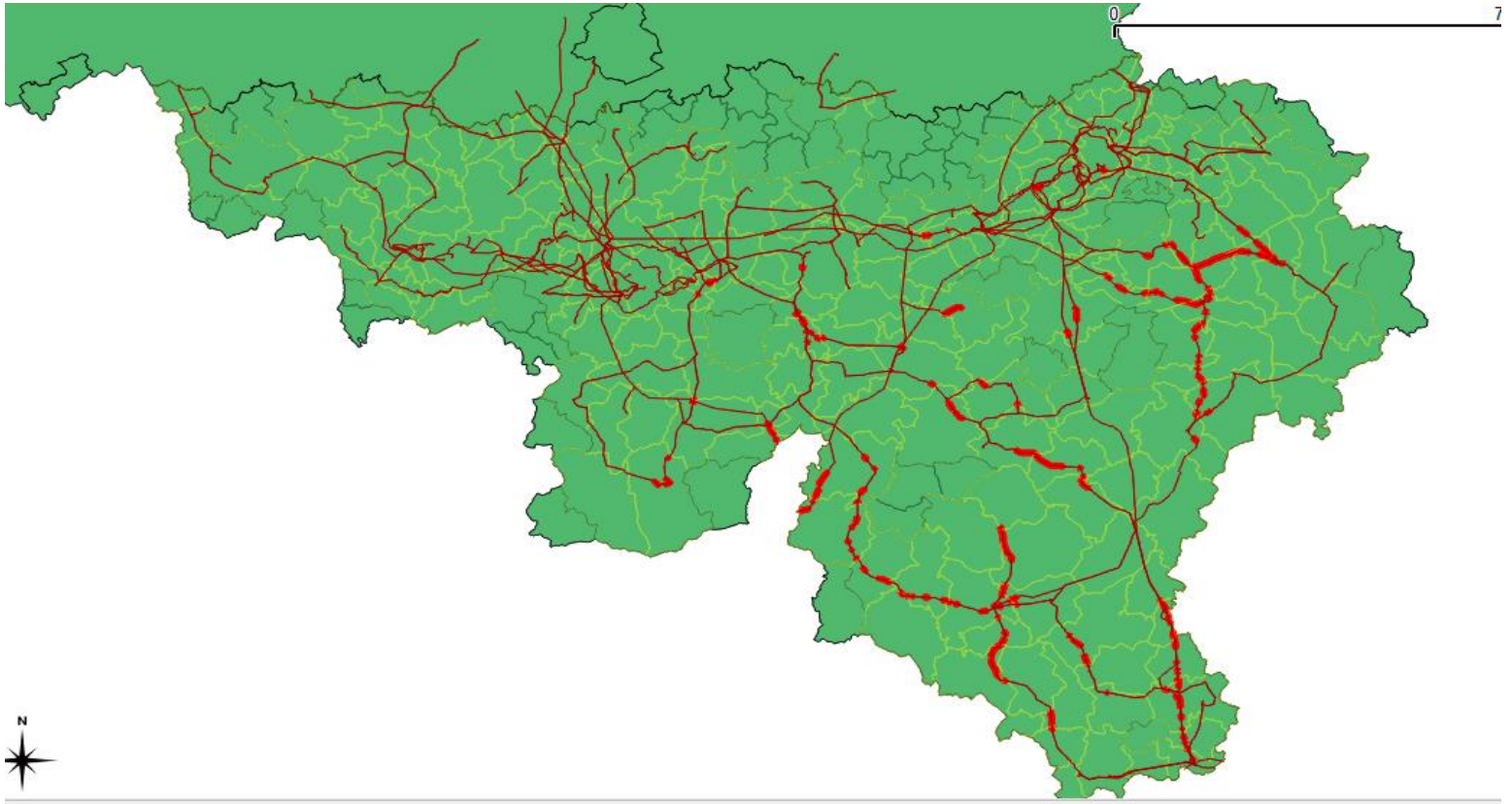
Forest managers

DNF territorial administration

8 regional directions
24 local directions
81 forest yard

Rurality stakeholder in France

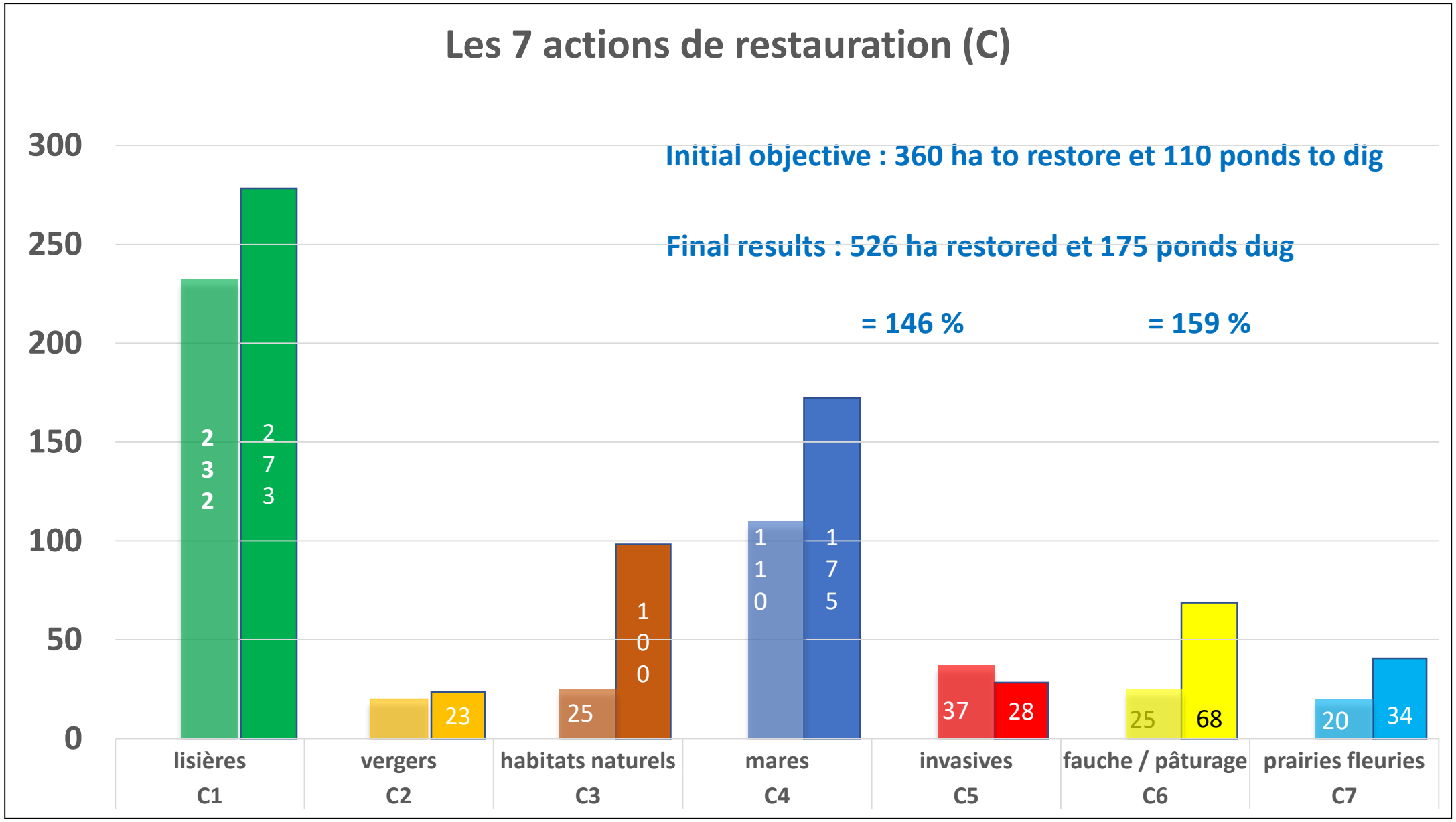
3 Regional nature parks
ONF (forestry administration)
1 departmental federation of hunters
2 National nature reserves
10 Municipalities
80 private landowners



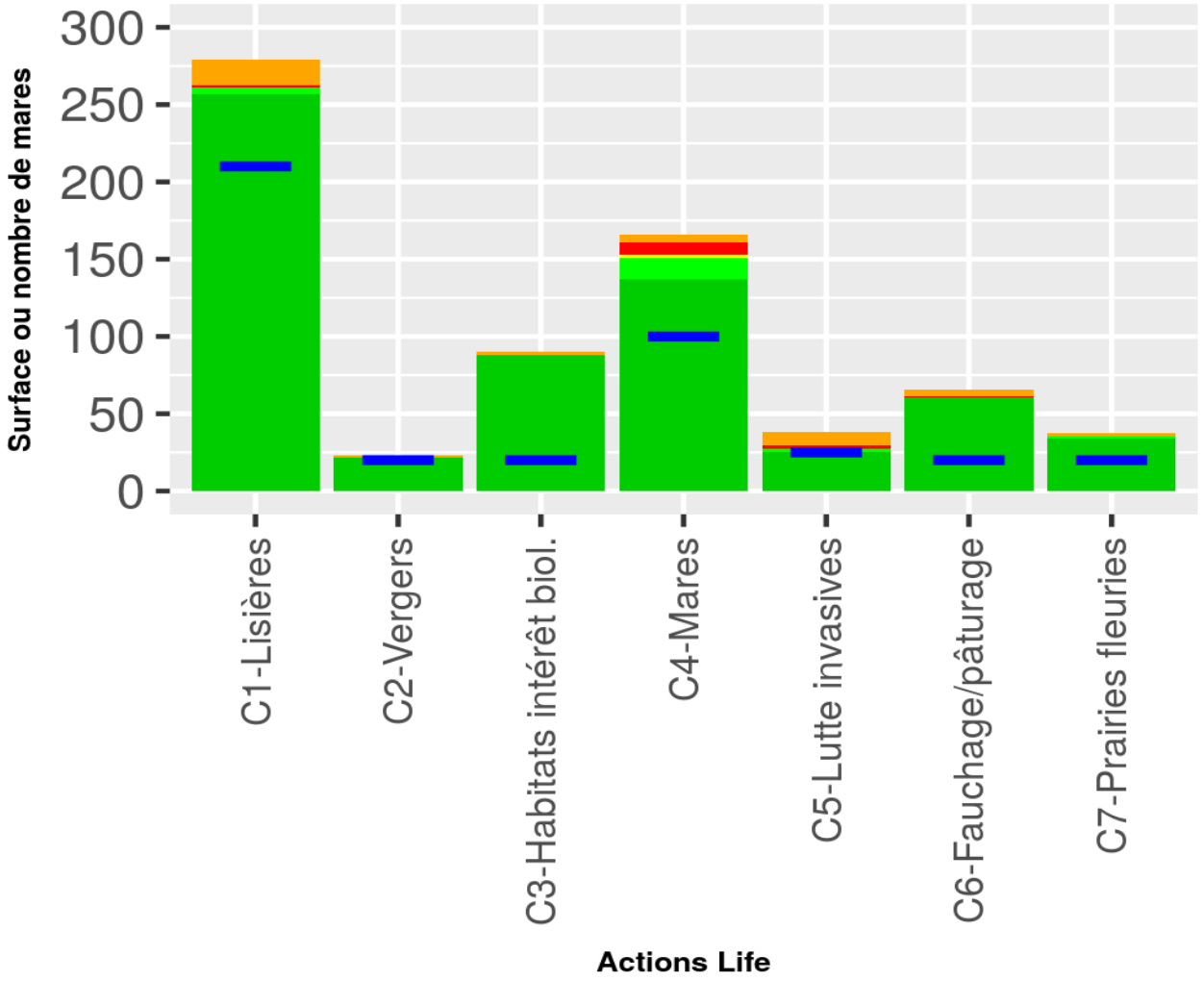
4. Restoration actions (C) in Walloon Region and in France

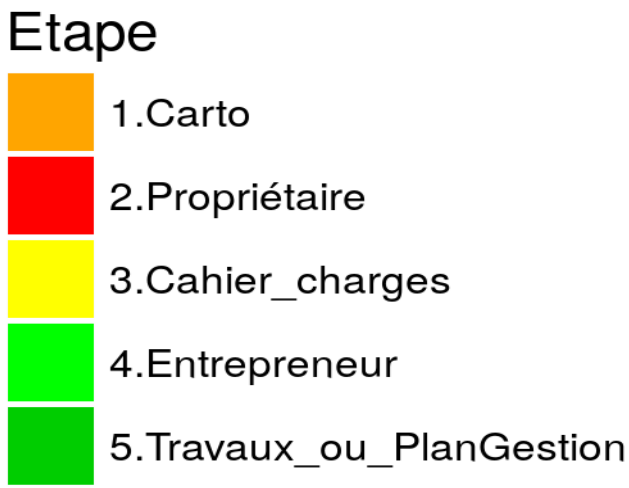
275.500 forest seedlings
21.000 fruit trees

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



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



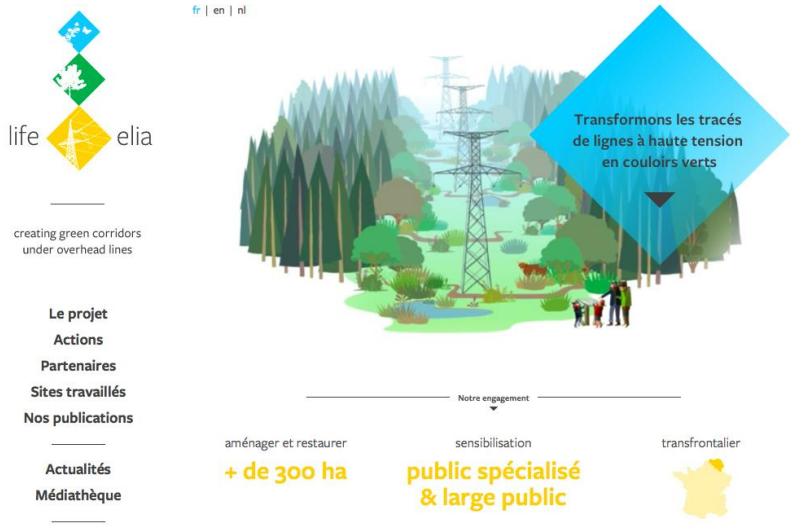


BIOLOGICAL INDICATORS

ECONOMICAL

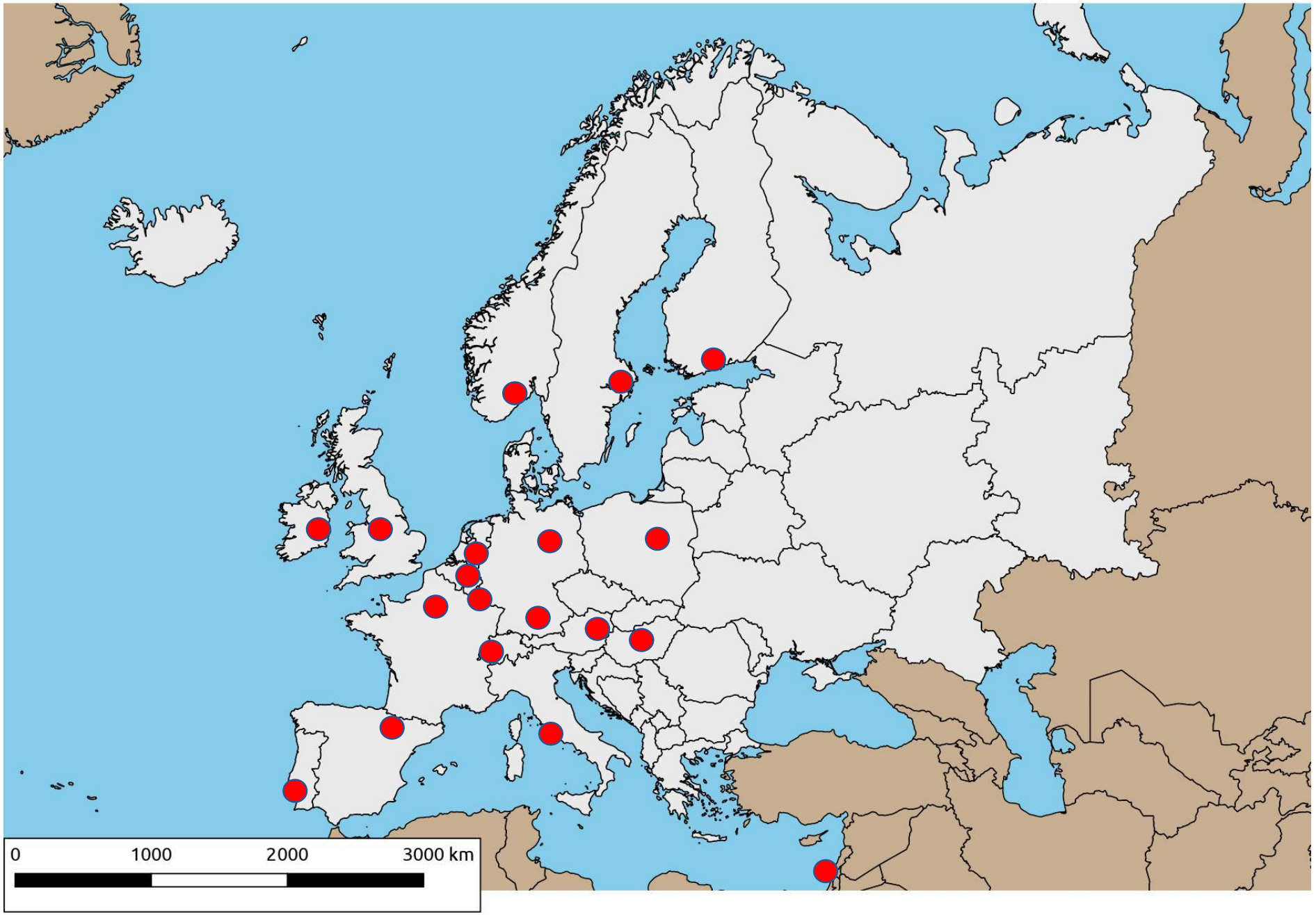
Costs-benefits analysis (see point 8)

6. Communication - Trainings



127 News = 1,7 per month

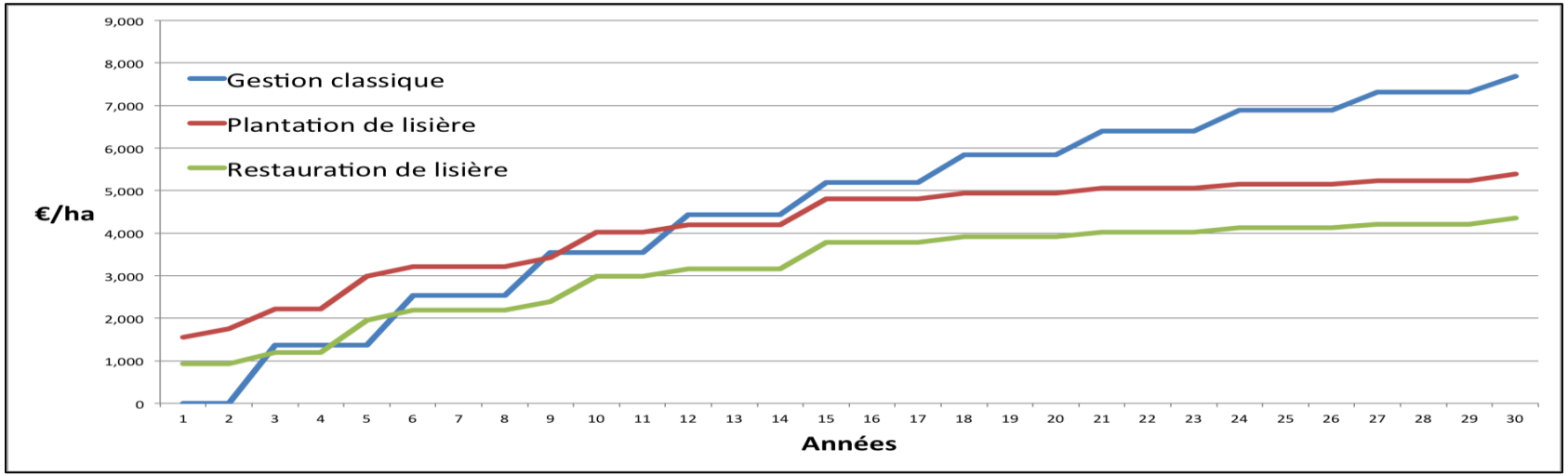
7. European networking



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

	Comparison traditional management/LIFE method		With WACC = 5%
Actions	**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

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