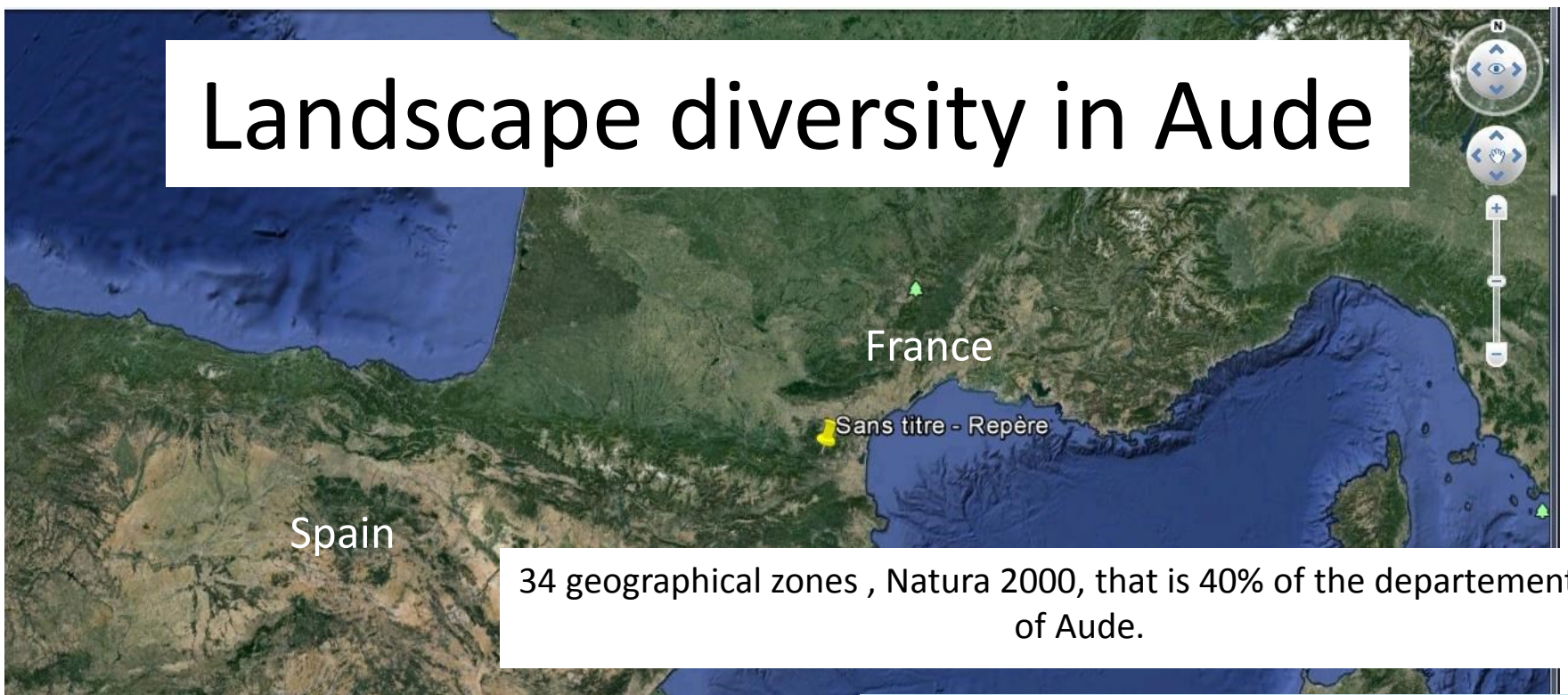


Farming and NATURA 2000: What problems and opportunities



Anila Shallari, Phd Geography and environmental
sciences, BIRDLIFE, FRANCE

Landscape diversity in Aude



34 geographical zones , Natura 2000, that is 40% of the departement of Aude.

Highland



Coastline



For various reasons topography, layout different reliefs, tilt the coastline of the Gulf of Lion, wind corridors the coastline at Gruissan and Narbonne has a funnel effect of concentration of migratory birds feed.

Geographic situation of ZPS Basses Corbières

Strict protection zone
Basses Corbières



Installed since 2009

Zones d'agrandissement

A typical mediterranean area

Low rainfall

Groundwater richness

Limestone plateau



Source : CA 66
SIG : CA 66 / LS
Septembre 2005



Pastoral practices

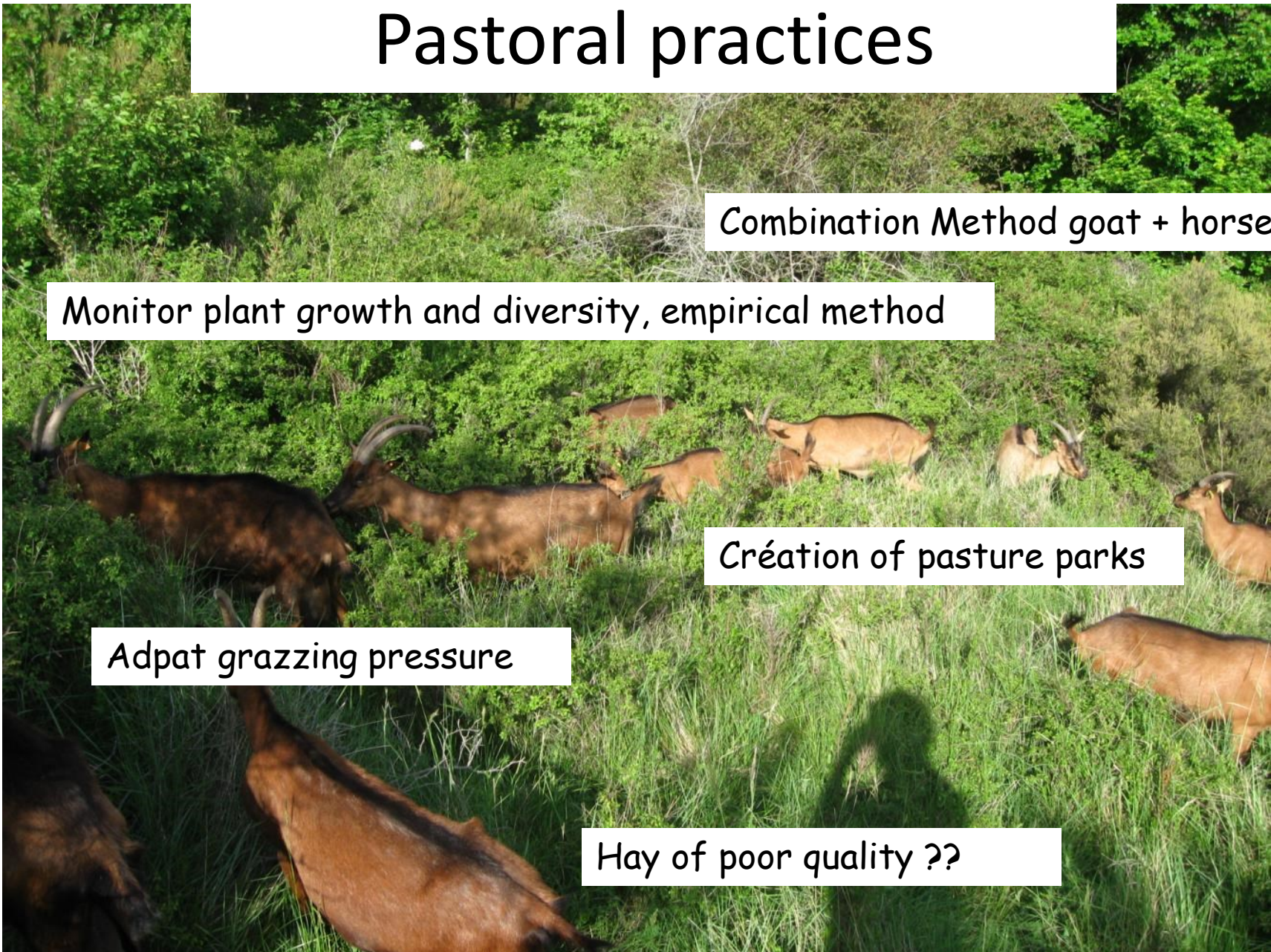
Combination Method goat + horses

Monitor plant growth and diversity, empirical method

Création of pasture parks

Adpat grazing pressure

Hay of poor quality ??



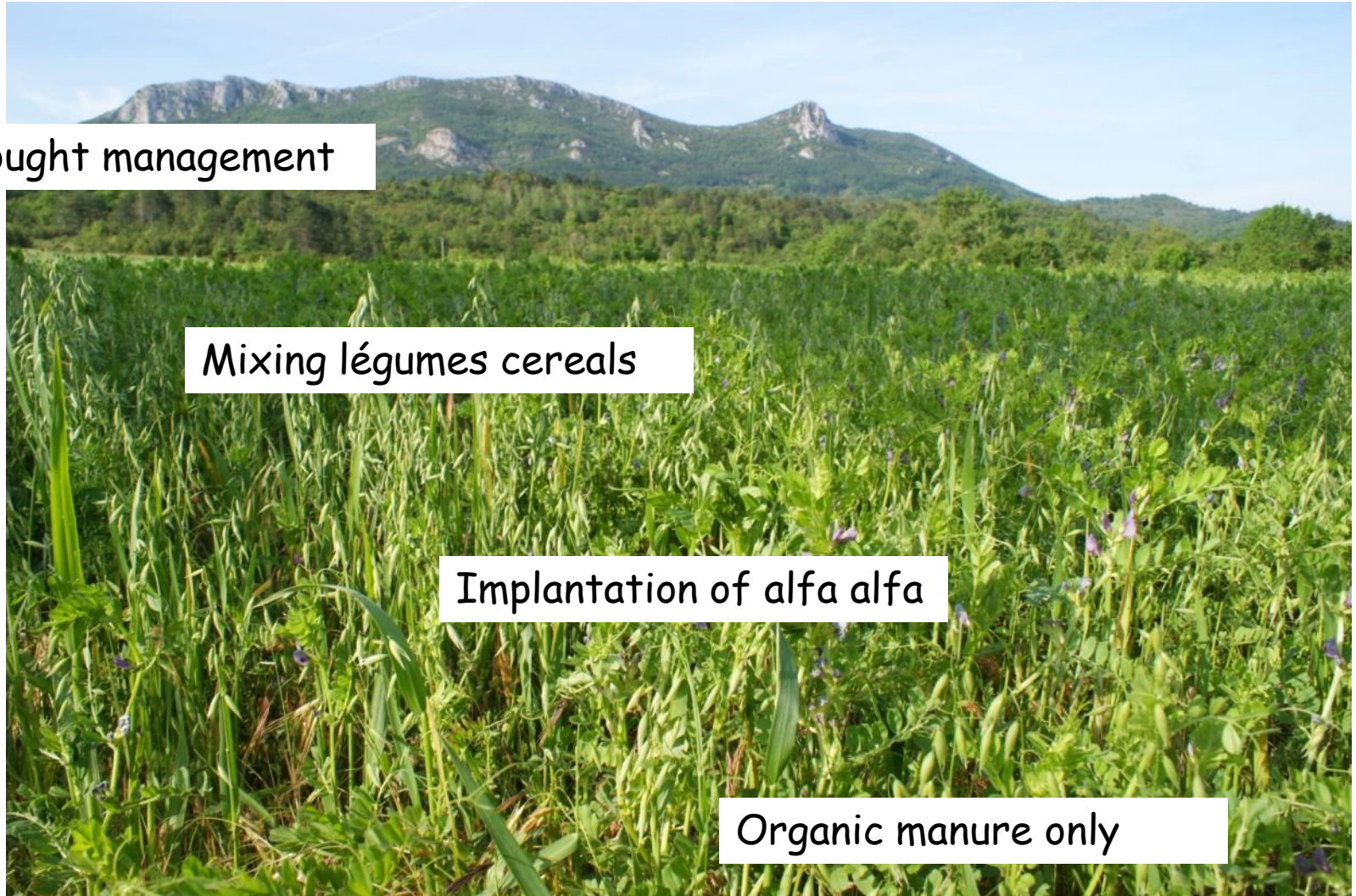
Deal with climatic conditions

Drought management

Mixing légumes cereals

Implantation of alfa alfa

Organic manure only



Deal with climatic limits and local resources

Good practices and soil life

Management of heterogeneity of the soils

Tillage in good conditions :



Growth of the biodiversity of the soil



Good yield



Ressource management

Evaluate the potential



One cut hay, offset surfaces

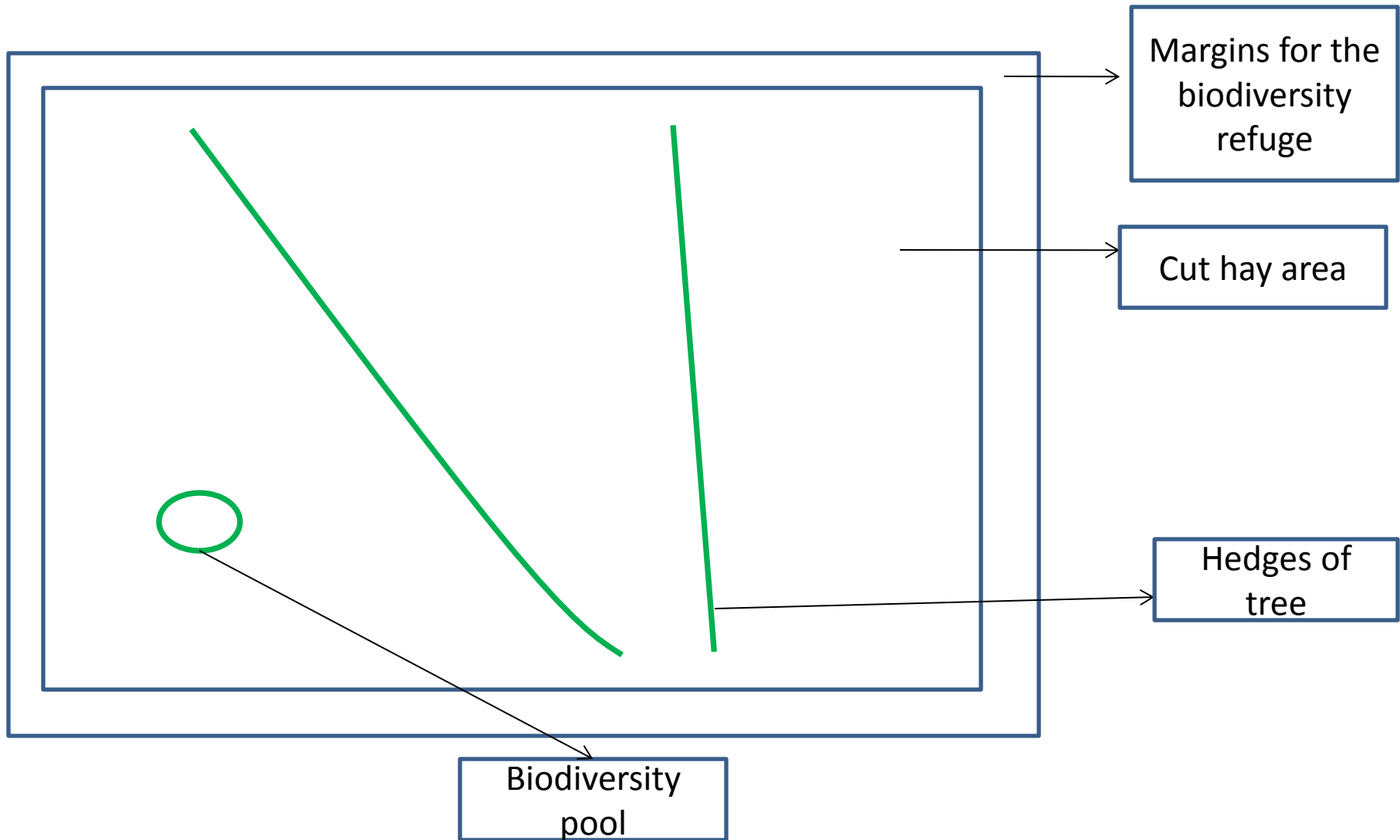
Attention to soil compaction and exhaustion

Very good yields without chemical intrants

Rotation cycles

Late mowing, et leave un aera for biodiversity

The fields and the yields

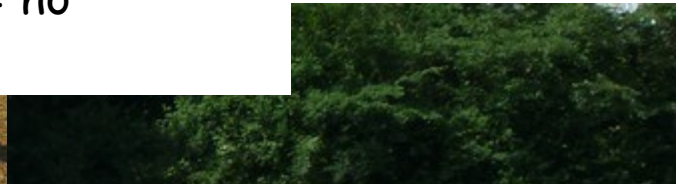


Organising the flexibility

Small bales of hay = no flexibility

Peak of working (feb-june) and production

New system ?



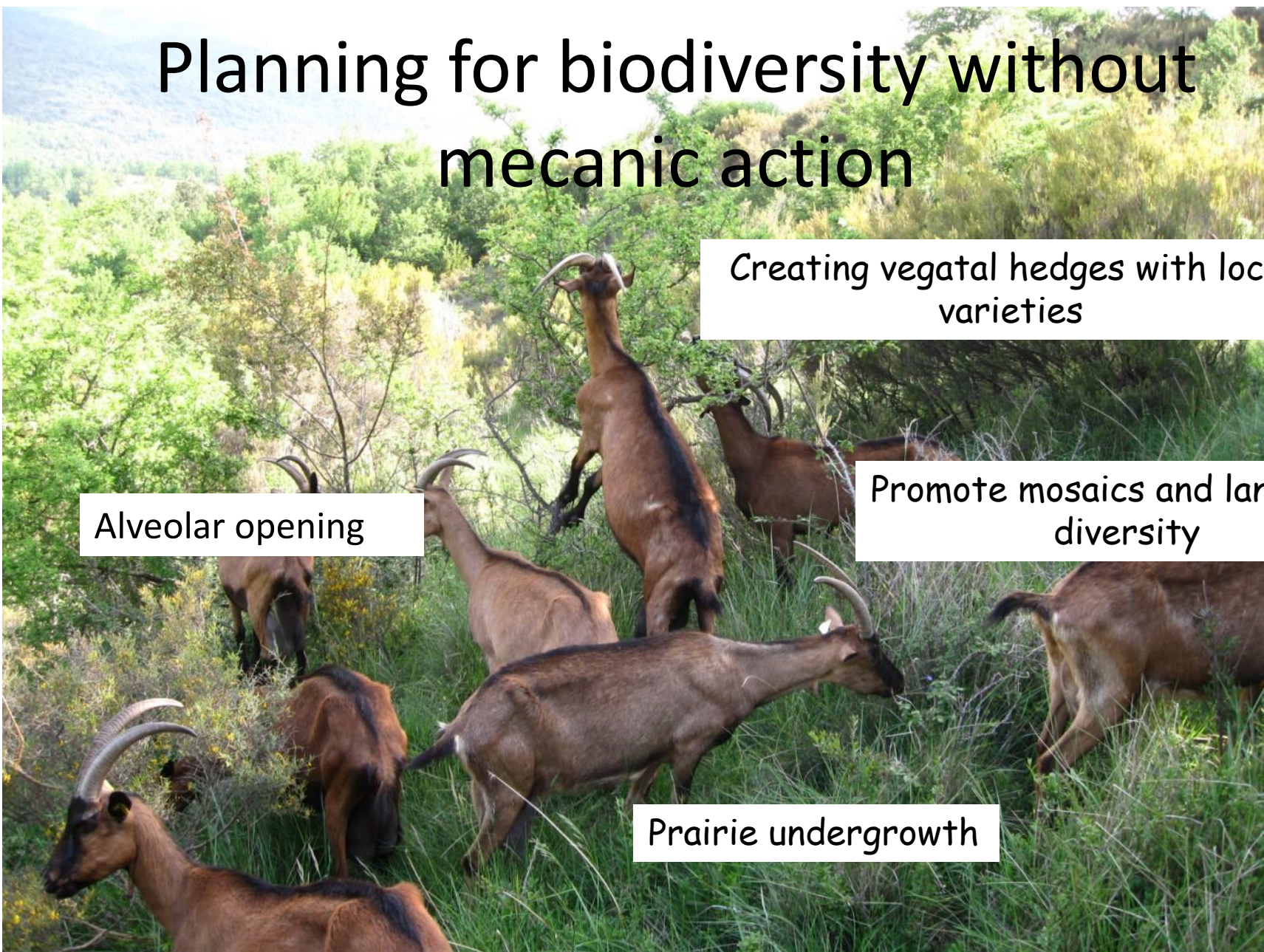
Planning for biodiversity without mechanic action

Creating vegetal hedges with local varieties

Alveolar opening

Promote mosaics and landscape diversity

Prairie undergrowth



Prevention and homeopathic remedy

Animal (skin, dropping, nails)

Soil (bio-indicators)
and grassland (stads)

Parasitism and disease



Observing cycles and soft strategies.

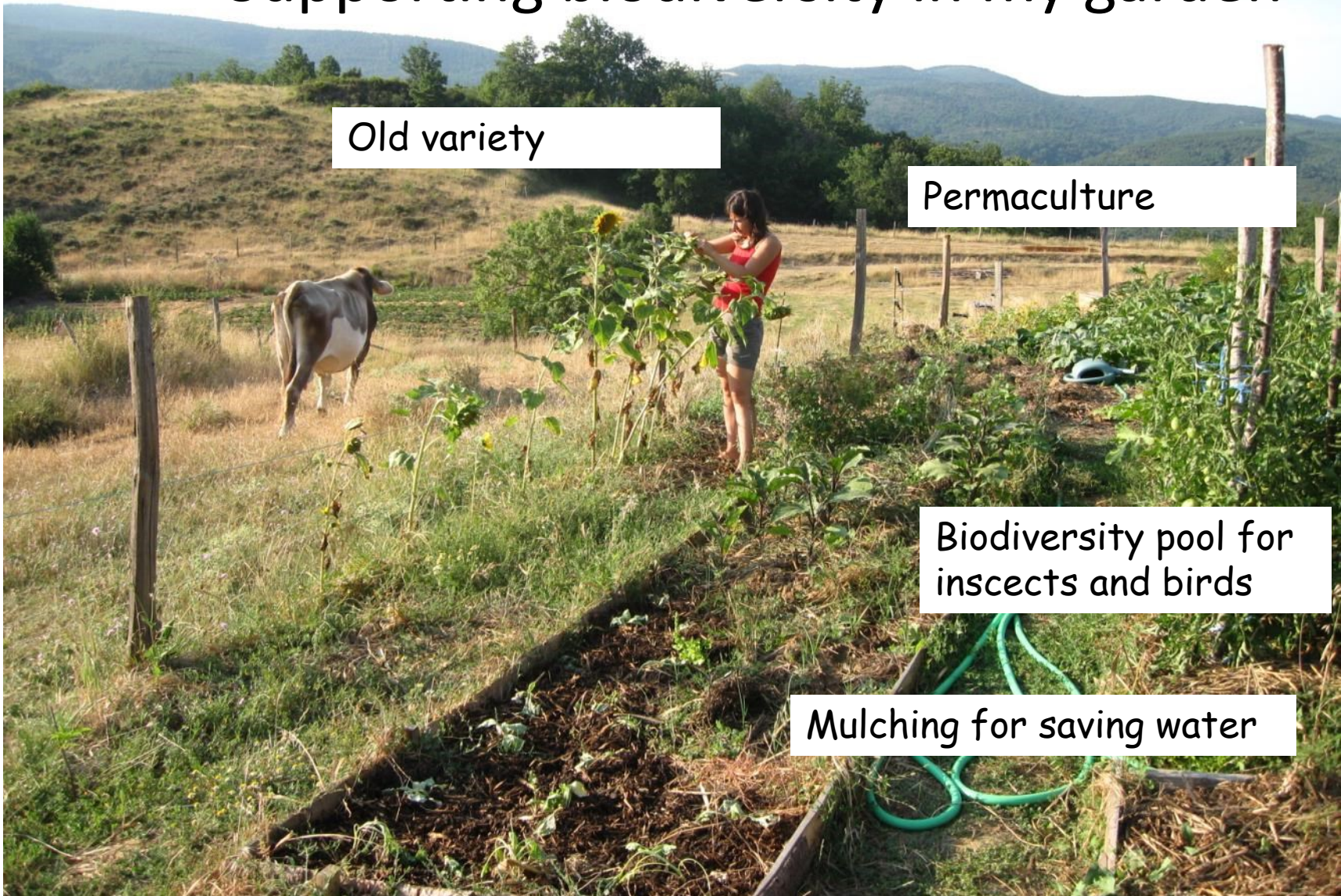
Supporting biodiversity in my garden

Old variety

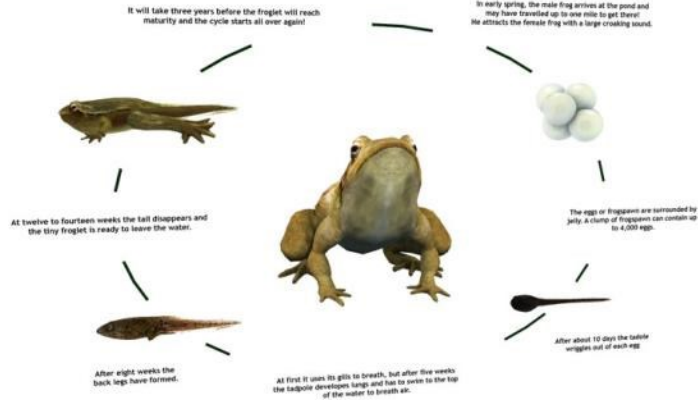
Permaculture

Biodiversity pool for
insects and birds

Mulching for saving water



Effluent management



Rycycling lactoserum

Reduce waste whey in soils and streams



Constraints

Keep or not to keep the herd ??
This is the question



Comptabilities with modern life ?

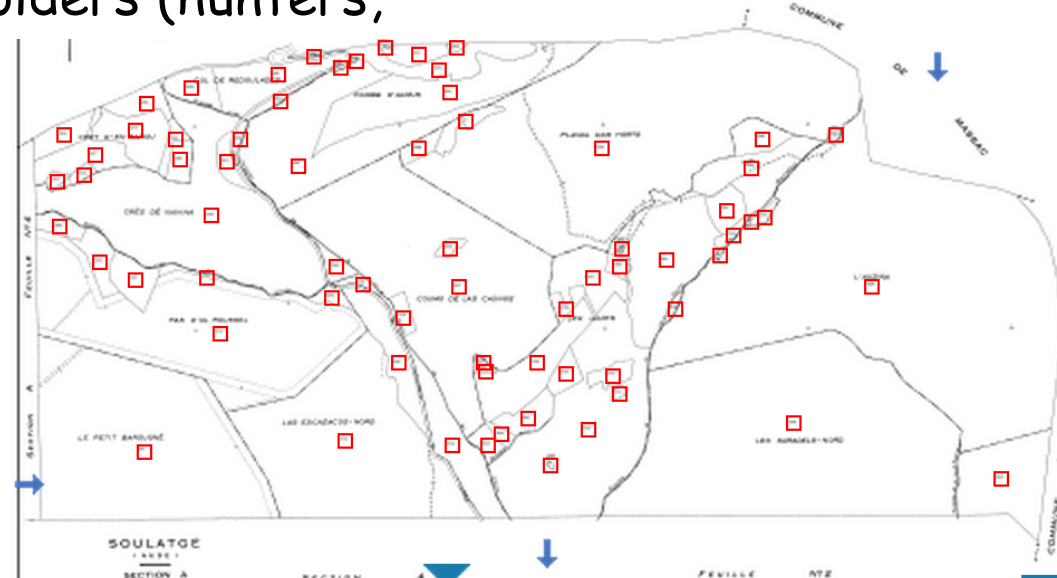
Land stewardship

Commune : SOULATGE (11) - Cadastre - Google Chrome
<https://www.cadastre.gouv.fr/scpc/afficherCarteFeuille.do?f=7A3840000A03&dontSaveLastForward&keepVolatileSession=>

cadastre.gouv.fr

Feuille 000 A 03 - Commune : SOULATGE (11)

Dealing with multiple owners and Stakeholders (hunters,



Feuille 000 OA 03
> Coordonnées en projection : Métrique locale Échelle d'origine : 1/2500
X=3054.75 ; Y=4984.43

00:44
27/05/2014

Land speculation and recreation land

Other limits

Productivity system and sustainability

Competitive prices

Which alternatives ?



Visitors



Natrix natrix lunching

Gypaetus barbatus, bone-breaking

Installation of plots near to the farm



Photo 16/02/2014

Aegypius monachus



Photo 24/03/2014

Milvus migrans, black kite



A little mole



Thank you for your attention

<https://www.facebook.com/LesEmbialades>



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