

THREE
BILLION
ADDITIONAL
TREES
BY 2030

#3BillionTrees



WE GROW
TOGETHER



Reforestation after fires/disturbances in light of adaptation to climate change

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Rooting for #3Billiontrees. Brussels, 20th March 2024

What disturbances?

How severes?

Frequency? Spatial distribution?



From pasive restoration + forest management....



Preserving the heritage of the burnt forest. Natural regeneration

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...To the reforestation project

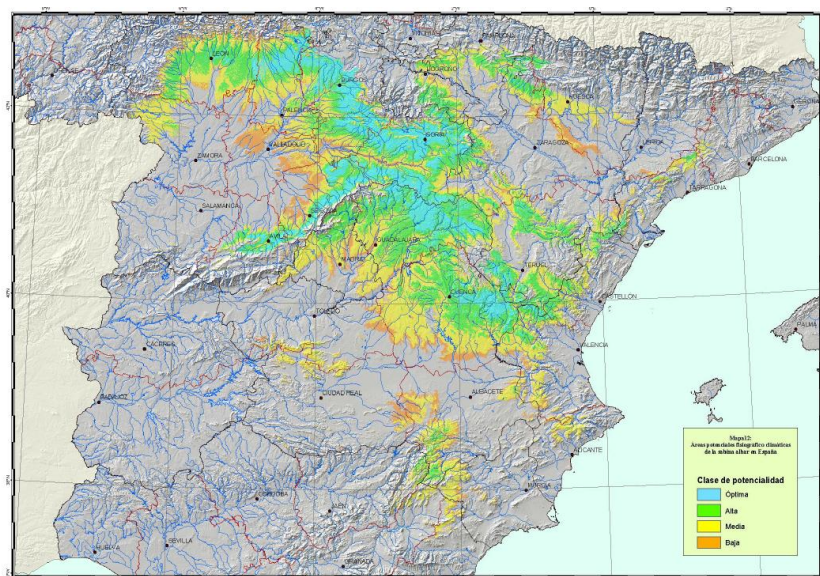


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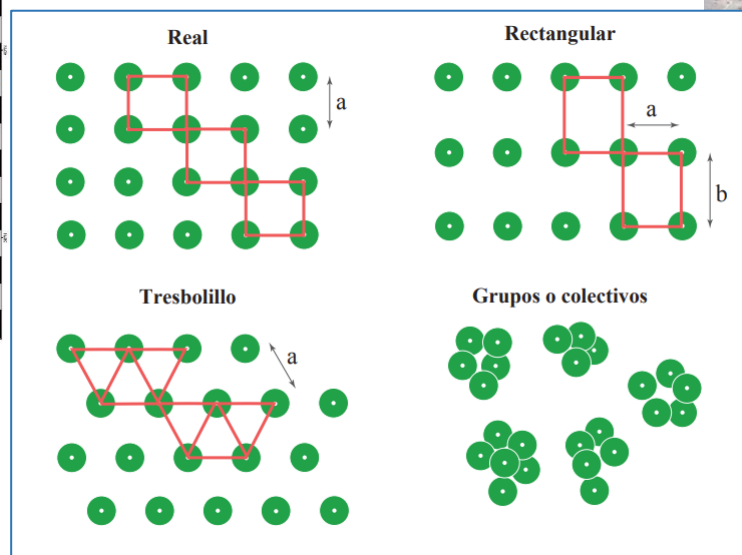
Forest science and technology help in the many decisions that have to be made

Long experience!

Some examples: Species? Density? Distribution? Soil treatment?...



Moderforest, Alonso et al.



Pemán et al, 2021

Why light-demanding and sparing nature species?

Reforestation as a first –huge!- step towards ecosystem restoration

Strong dependence on silviculture and forest management



Need to adapt to global/climate change

- Species and structure diversification
- Silvicultural treatments and forest management strategies



[gestión FORestal para la ADaptación y MITigación: diversificación de repoblaciones – Proyecto FORADMIT \(upm.es\)](https://upm.es/proyecto-foradmit)

We need to manage towards more mature, mixed and uneven forests

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Forest/landscapes diversification through silvicultural treatments, management and supervision

- Adaptation to climate/global change
- Risk management
- Future restoration after disturbances

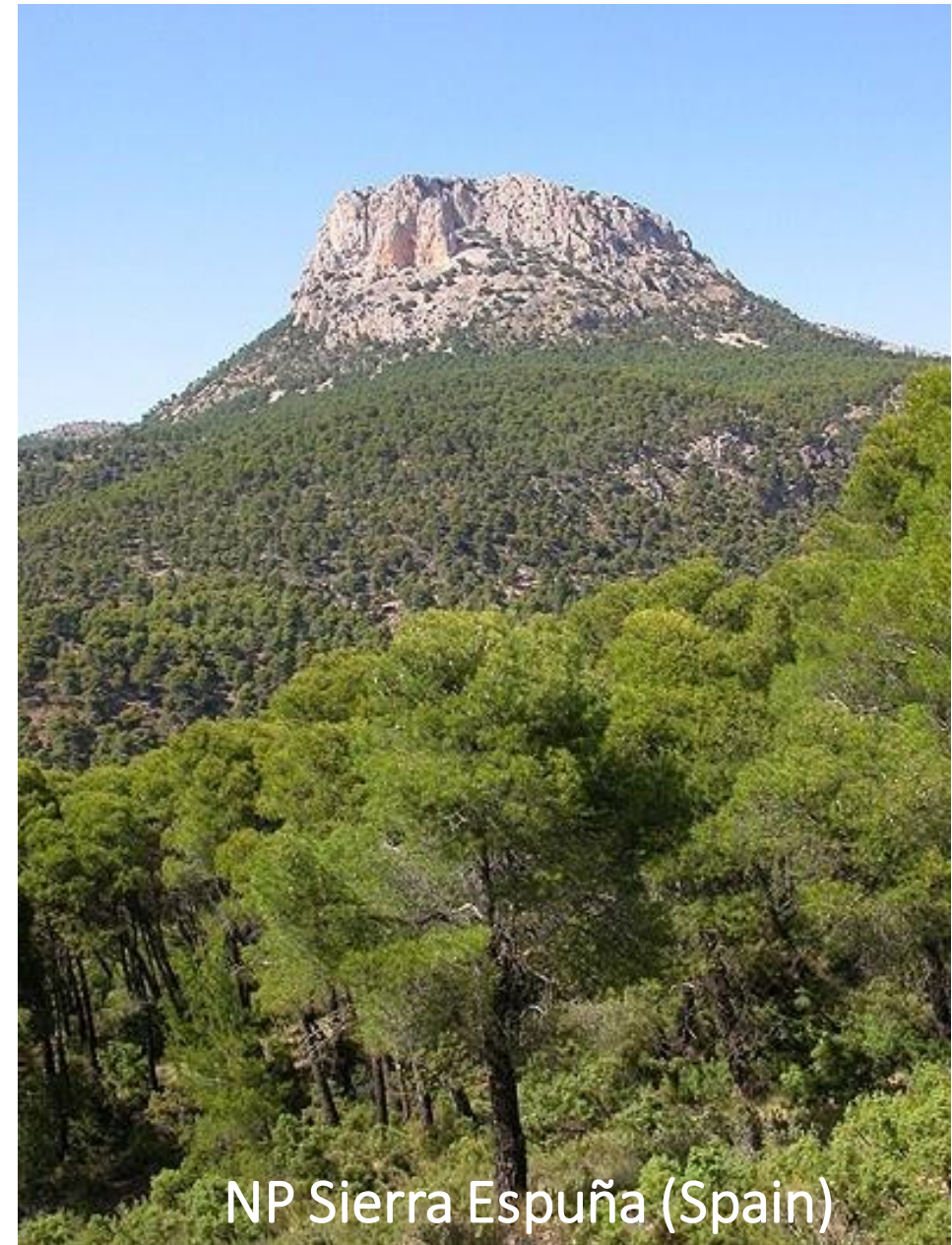


We need to manage towards more mature, mixed and uneven forests

1895



1994



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Thank you for your attention
Merci pour votre attention

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