

# PLANTEDFORESTS.ORG: help us to shape a resources centre on planted forests for stakeholders

---

Presented by C. Orazio,  
Date: 23 September 2022

# Planted forests in front of the scene

IEFC.NET

# Planted forests a key tool

---

- Planted forest contribute highly to the bioeconomy with planted forests representing less than 7% of the total forest area but producing more than 40% of the world timber resources in 2012



# Planted forests a key tool

---

- Planted forest contribute highly to the bioeconomy with planted forests representing less than 7% of the total forest area but producing more than 40% of the world timber resources in 2012
- Planted forest are used to stabilise soil, particularly on slopes



# Planted forests a key tool

---

- Planted forest contribute highly to the bioeconomy with planted forests representing less than 7% of the total forest area but producing more than 40% of the world timber resources in 2012
- Planted forest are used to stabilise soil, particularly on slopes
- Planted forests can be used to ameliorate rain runoff



# Planted forests a key tool

---

- Planted forest contribute highly to the bioeconomy with planted forests representing less than 7% of the total forest area but producing more than 40% of the world timber resources in 2012
- Planted forest are used to stabilise soil, particularly on slopes
- Planted forests can be used to ameliorate rain runoff
- Planted forest can be used to restore fuel resources in Africa



# Planted forests a key tool

---

- Planted forest contribute highly to the bioeconomy with planted forests representing less than 7% of the total forest area but producing more than 40% of the world timber resources in 2012
- Planted forest are used to stabilise soil, particularly on slopes
- Planted forests can be used to ameliorate rain runoff
- Planted forest can be used to restore fuel resources in Africa
- Planted forest can be used to restore devastated forest areas after storms, fires, drought, bark beetle attacks, etc.



# Planted forests a key tool

---

- Planted forest contribute highly to the bioeconomy with planted forests representing less than 7% of the total forest area but producing more than 40% of the world timber resources in 2012
- Planted forest are used to stabilise soil, particularly on slopes
- Planted forests can be used to ameliorate rain runoff
- Planted forest can be used to restore fuel resources in Africa
- Planted forest can be used to restore devastated forest areas after storms, fires, drought, bark beetle attacks, etc.
- Planted forest can help quickly restore biodiversity following intensive farming and/or deforestation

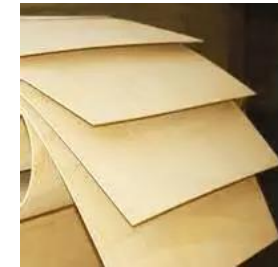




# Planted forests a key tool

---

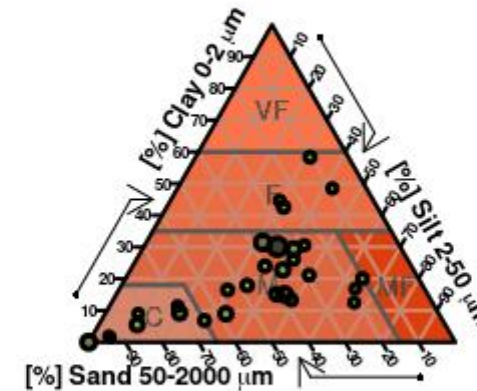
- Planted forest contribute highly to the bioeconomy with planted forests representing less than 7% of the total forest area but producing more than 40% of the world timber resources in 2012
- Planted forest are used to stabilise soil, particularly on slopes
- Planted forests can be used to ameliorate rain runoff
- Planted forest can be used to restore fuel resources in Africa
- Planted forest can be used to restore devastated forest areas after storms, fires, drought, bark beetle attacks, etc.
- Planted forest can help quickly restore biodiversity following intensive farming and/or deforestation
- Planted forests can be used for Carbon sequestration



# Planted forests challenges

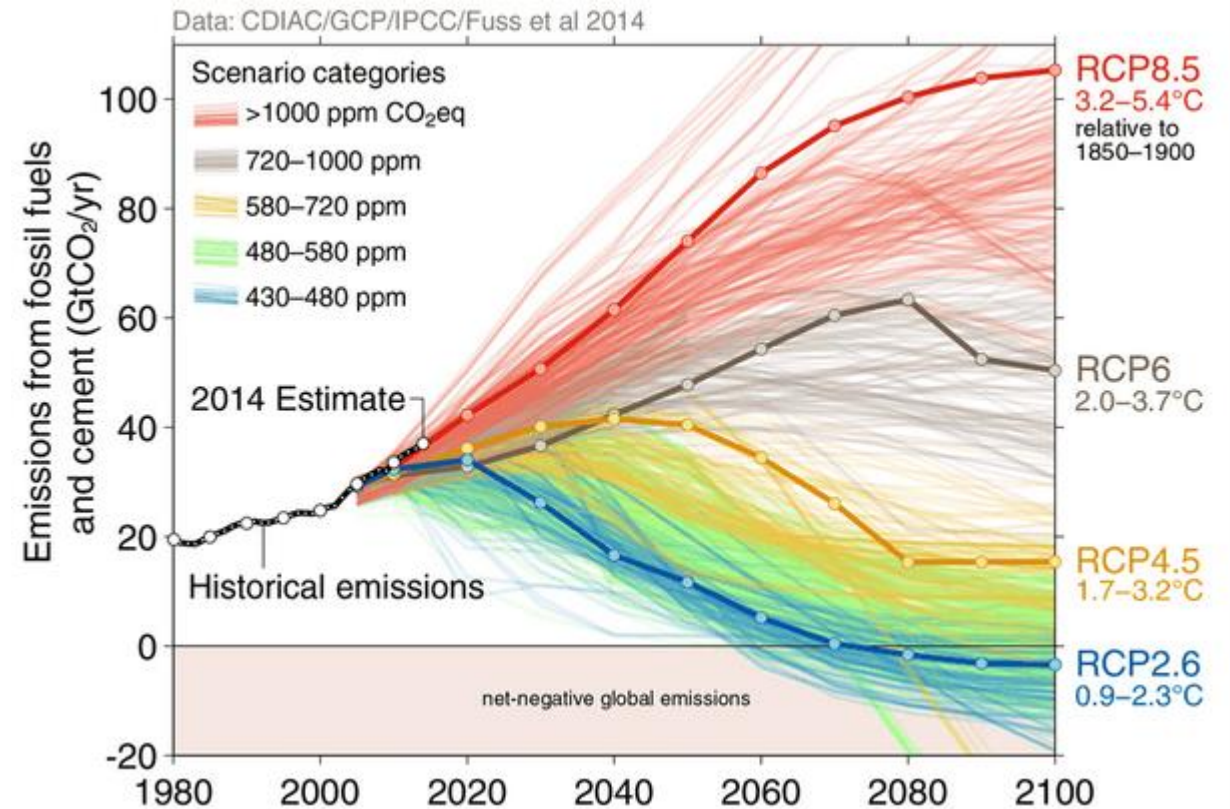
- What to plant is the first decision?
  - Suitability for the site

Soil texture triangle and PH (layer 0-30)



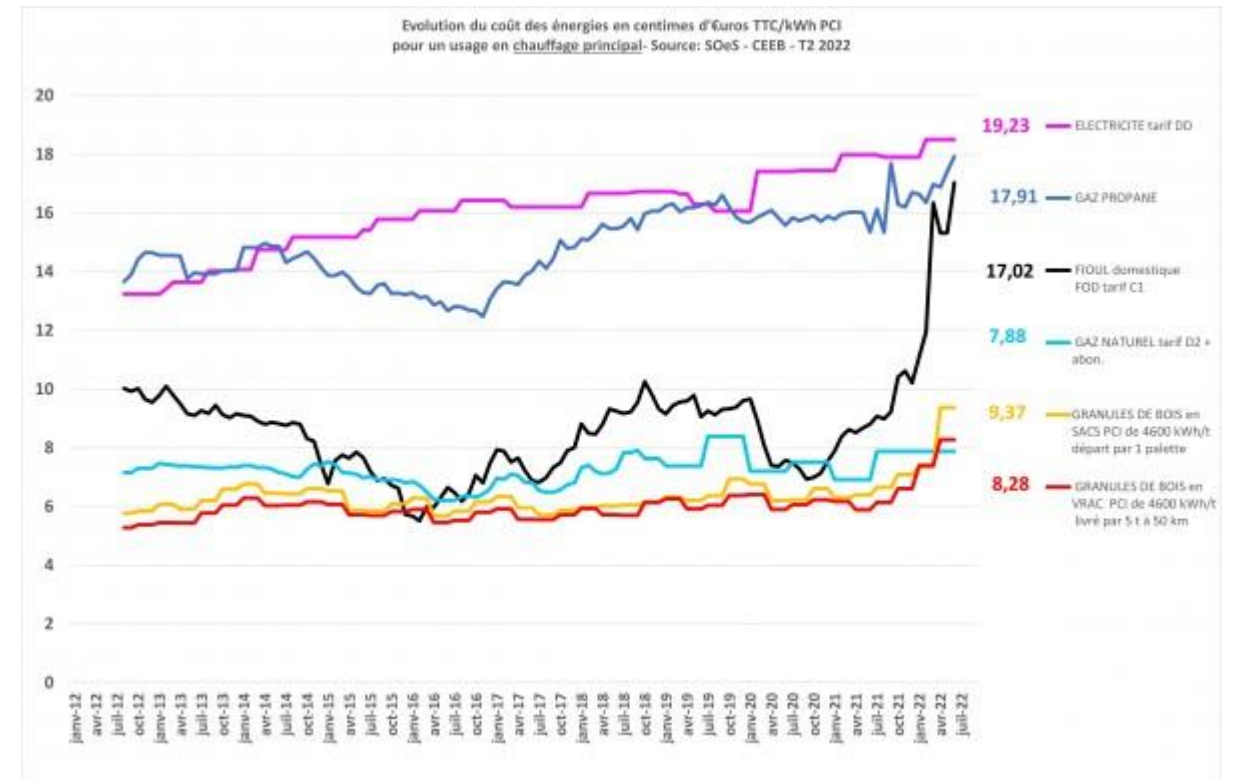
# Planted forests challenges

- What to plant is the first decision?
  - Suitability for the site
  - Climate change



# Planted forests challenges

- What to plant is the first decision?
  - Suitability for the site
  - Climate change
  - Market uncertainties
  - Energy crisis



# Planted forests challenges

---

- What to plant is the first decision?
  - Suitability for the site
  - Climate change
  - Market uncertainties
  - Energy crisis
  - Social acceptance



# Planted forests challenges

---

- What to plant is the first decision?
  - Suitability for the site
  - Climate change
  - Market uncertainties
  - Energy crisis
  - Social acceptance
  - Emerging pest and diseases



# Planted forests challenges

---

- What to plant is the first decision?
  - Suitability for the site
  - Climate change
  - Market uncertainties
  - Energy crisis
  - Social acceptance
  - Emerging pest and diseases
- How to plant?
  - Pure, mixed



# Planted forests challenges

---

- What to plant is the first decision?
  - Suitability for the site
  - Climate change
  - Market uncertainties
  - Energy crisis
  - Social acceptance
  - Emerging pest and diseases
- How to plant?
  - Pure, mixed
  - Planting techniques in harsh conditions





# Planted forests challenges

---

- What to plant is the first decision?
  - Suitability for the site
  - Climate change
  - Market uncertainties
  - Energy crisis
  - Social acceptance
  - Emerging pest and diseases
- How to plant?
  - Pure, mixed
  - Planting techniques in harsh conditions
  - Reproductive material and maintenance of supply



# Planted forests challenges

---

- What to plant is the first decision?
  - Suitability for the site
  - Climate change
  - Market uncertainties
  - Energy crisis
  - Social acceptance
  - Emerging pest and diseases
- How to plant?
  - Pure, mixed
  - Planting techniques in harsh conditions
  - Reproductive material and maintenance of supply
  - Breeding choices and selection of best material



# Planted forests challenges

---

- What to plant is the first decision?
  - Suitability for the site
  - Climate change
  - Market uncertainties
  - Energy crisis
  - Social acceptance
  - Emerging pest and diseases
- How to plant?
  - Pure, mixed
  - Planting techniques in harsh conditions
  - Reproductive material and maintenance of supply
  - Breeding choices and selection of best material
  - Silviculture : site preparation, competition, rotations length, fertilizing, weed control, thinning, ...



# Plantedforest.org concept

---

- We need increased and more effective **knowledge exchange**
  - Project websites close at end of projects
  - Scientific papers do not focus on practical issues
  - Reports are produced in national languages
  - Books are sometimes not re-published
  - A lot of useful material is only available as “grey literature” that is never published and not available
- **PLANTEDFORESTS.ORG** a resources centre
  - With all kind of resources including non scientific papers: videos, guidelines, factsheets, policy brief, tools, decision support systems, reports...
  - Targeting practitioners and decision makers
  - Focusing on applicable methods, tools, and recommendations
  - Organised in a simple way that is easy for anyone to find
  - Having a **long term** perspective so that resources are available for the timescales representative of forestry



# Thank you !

---



LET'S help us to shape PLANTEDFORESTS.ORG answer to the  
KLAXOON.COM survey id : DRTG35C



**+33 7 49 36 21 46**



**C.ORAZIO(at)IEFC.NET**



**www.iefc.net**