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PARIS2015
UN CLIMATE CHANGE CONFERENCE
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The 4 % Initiative :

Soils for Food security and Climate

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Why ?

The Lima-Paris Action Agenda

- ⇒ The Lima-Paris Action Agenda : support players already engaged in climate action
- ⇒ Showcasing progress made
- ⇒ Encouraging new substantial commitments : new initiatives and players, in all sectors
 - **Agriculture has to be present in the LPAA.**
- ⇒ Inclusive, robust and ambitious initiatives
- ⇒ Official launch at COP21.





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What is 4‰ ?

Soils for food security and climate »

- => A multi-stakeholder Initiative launched by France with the support of FAO.
- => A Lima-Paris Action Agenda Initiative
- => 1 objective : increase carbon sequestration in agricultural soils
- => 3 major outcomes:
 - **Ensure food security** : increase soil fertility
 - **Adapt** agriculture to climate change
 - **Mitigate** GHG emissions



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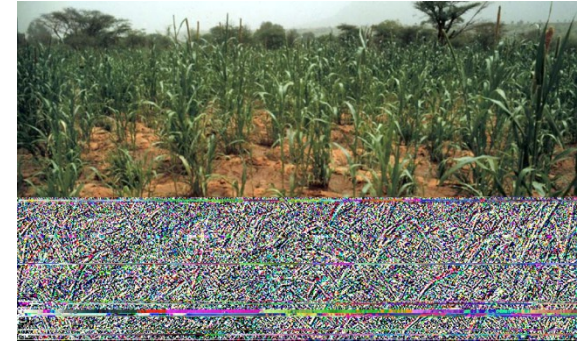


Increasing soil organic carbon : how ?

Silvopastoral Systems in tropical regions :



Zaï holes in dry Lands:



Anti-erosive structures :



Conservation agriculture:



→ Solutions do exist !



The 4‰ initiative : 2 main pillars



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1 / A multi-partner initiative involving all stakeholders

2 / An international research and scientific cooperation programme



A multi-partner initiative involving all stakeholders

- => **Agricultural practices at local level** : restoration of soils, increase of organic carbon stock, protection of carbon rich soils and biodiversity
- => **Training and outreach programs** : encourage such practices
- => **Funding projects** : restore, improve and/or preserve carbon stocks in soils
- => Development and implementation of **public policies** and appropriate **tools**
- => Development of **supply chains** of soil-friendly agricultural products, etc.



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An international research and scientific cooperation programme

4 complementary research themes :

- => **mechanisms and assessments** of the potential for carbon storage in soils across regions and systems
- => **assessment of best farming practices** for soil carbon and their impact on other greenhouse gases, on food security
- => **innovation** : support and dissemination
- => **monitoring and estimating** variations in soils carbon stock, especially at farmers level



An inclusive and transparent governance

=> a collaborative platform

=> an executive committee

=> a scientific and technical committee



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The French agro-ecological project : an example of commitment

Ensure transition towards production systems economically, environmentally and socially efficient

- => A **positive vision of agriculture** : Combination of economic and environmental performance
- => **Soils are a key factor** : improve quantity of organic matters in soils through local adapted practices
- => **A methodology** : mobilize all the stakeholders :
 - A steering committee => gathering all partners
 - A comprehensive action plan co-built with partners: training, research and developement...



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4‰ initiative : Who can join ?

- => **Governments and local authorities** => support the transition of agricultural systems : training, regulations, tools
- => **Donors and private entities** => support development projects
- => **International research** => develop the 4 actions
- => **Private companies** => eliminate from the supply chains products not compatible with the objectives
- => **Farmers' organizations** => encourage the adoption of new practices to store a larger amount of carbon
- => **NGOs** => identify, adapt and facilitate the dissemination of good practices and ensure that they meet expectations





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4‰ initiative : what can I do ?

⇒ Go on <http://4p1000.org/> to register your commitment and support the « 4‰ initiative – soils for food food security and climate».

Private companies can register their commitment here :
<http://climateaction.unfccc.int/>

⇒ Invite other organizations and stakeholders to take action and join the Initiative

⇒ **Be with us in Paris on 1 December** for the official launch of the Initiative : Sign a joint declaration between all stakeholders.

