The 4% Initiative:
Soils for Food security and Climate
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.
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
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

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.
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
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 development...
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
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.