



GLOBAL NETWORK ON SILVOPASTORAL SYSTEMS



WORLD CONGRESS, SILVOPASTORAL SYSTEMS, 2016

Side - Event

Évora, Portugal, 27 September 2016



GLOBAL AGENDA FOR
SUSTAINABLE LIVESTOCK

BUILDING TOGETHER **SUSTAINABLE LIVESTOCK**
for people, for the planet

GLOBAL NETWORK ON SILVOPASTORAL SYSTEMS

Purpose of side-event

1. Present information about the Global Network on Silvopastoral Systems
2. Collect information about stakeholders from other regions of the world (mainly Europe, Africa and Asia)
3. Discuss ideas about future developments of the network



GLOBAL NETWORK ON SILVOPASTORAL SYSTEMS

Schedule

17:30 - 17:45	Film. Intensive Silvopastoral Systems: A solution for sustainable livestock production.
17:45 - 17:55	Introduction to the Global Network of Silvopastoral Systems - GNSPS (Julián Chará) - Institutional Background, Scope, Objectives
17:55 - 18:05	A global approach to measure Silvopastoral Systems (Claus Deblitz) - Institutional perspective - Thünen Institute, agri benchmark Network, An approach to measure SPS
18:05 - 18:15	Providing evidence of practice change by implementing Silvopastoral Systems (Ernesto Reyes) - Measuring Natural Resource Use Efficiency, Regional evidence of SPS, Case studies
18:15 - 18:25	Advances of Silvopastoral systems in Latin America (Pablo Peri) Overview and status quo of the research programs of SPS in Latin America
18:25 - 18:35	Development and scope of the Global Network on Silvopastoral Systems (Julián Chará) - Network developments and Future perspective
18:35 - 19:00	Discussion (Moderators: J. Chará, C. Deblitz, and P. Peri) Opening the floor for addressing questions and comments



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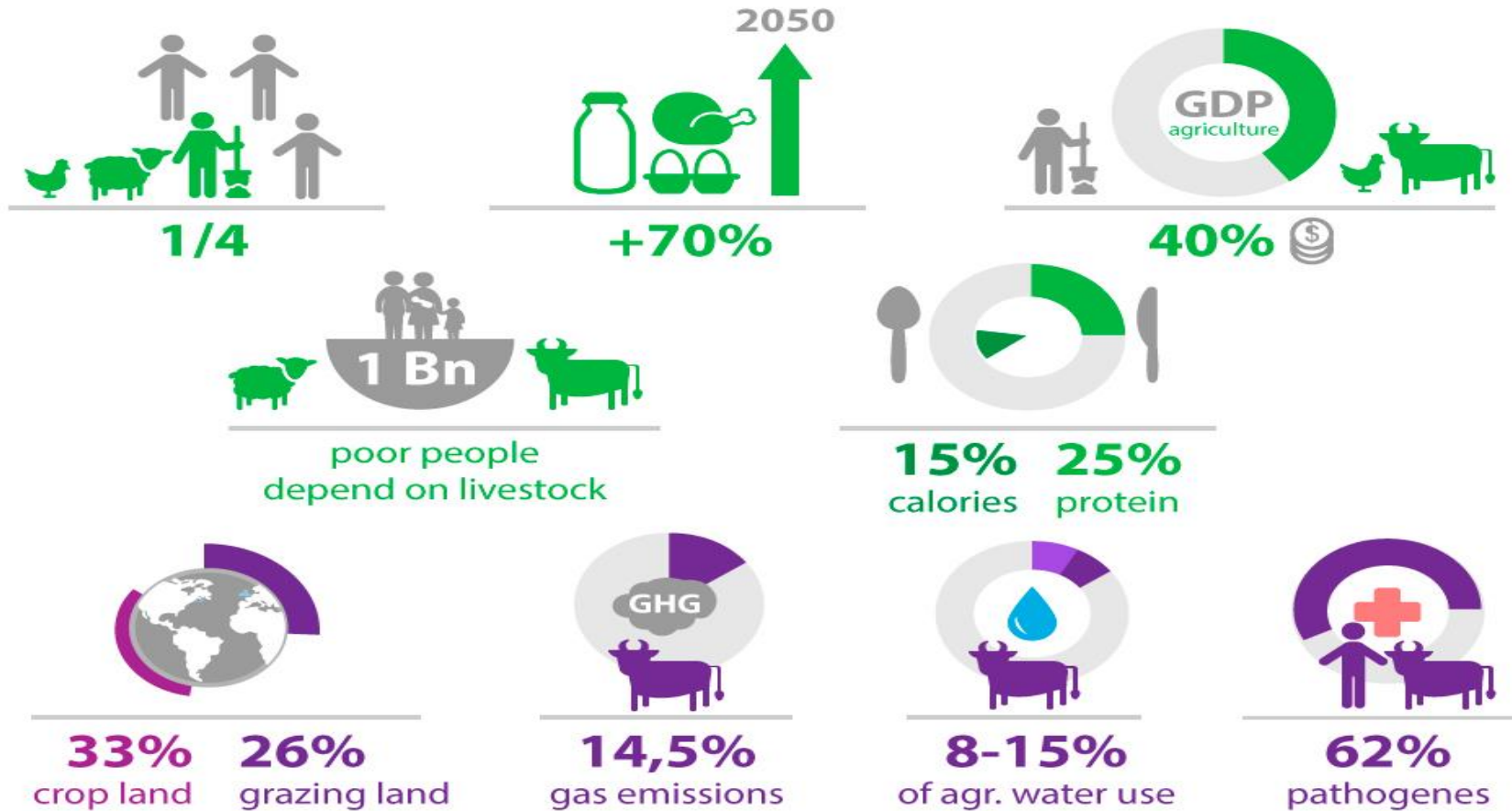
GLOBAL AGENDA FOR SUSTAINABLE LIVESTOCK

www.livestockdialogue.org

BUILDING TOGETHER **SUSTAINABLE LIVESTOCK**
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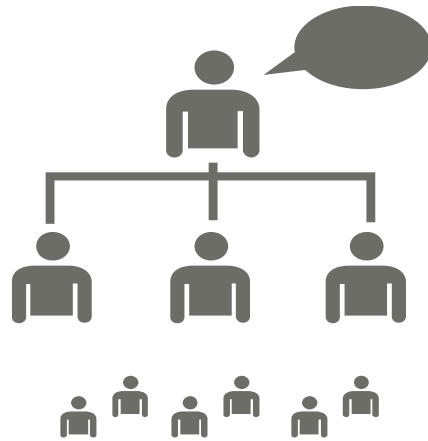


Livestock – compelling figures

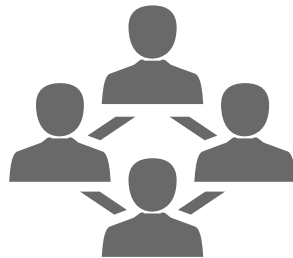


But also water resources, biodiversity, human health ...

At present for a sustainable livestock sector,
there is not ...



- **one single answer**
diversity of contexts and systems
- **one organization**
- **one stakeholder group**



Instead, there is a need for collective,
concerted and global action

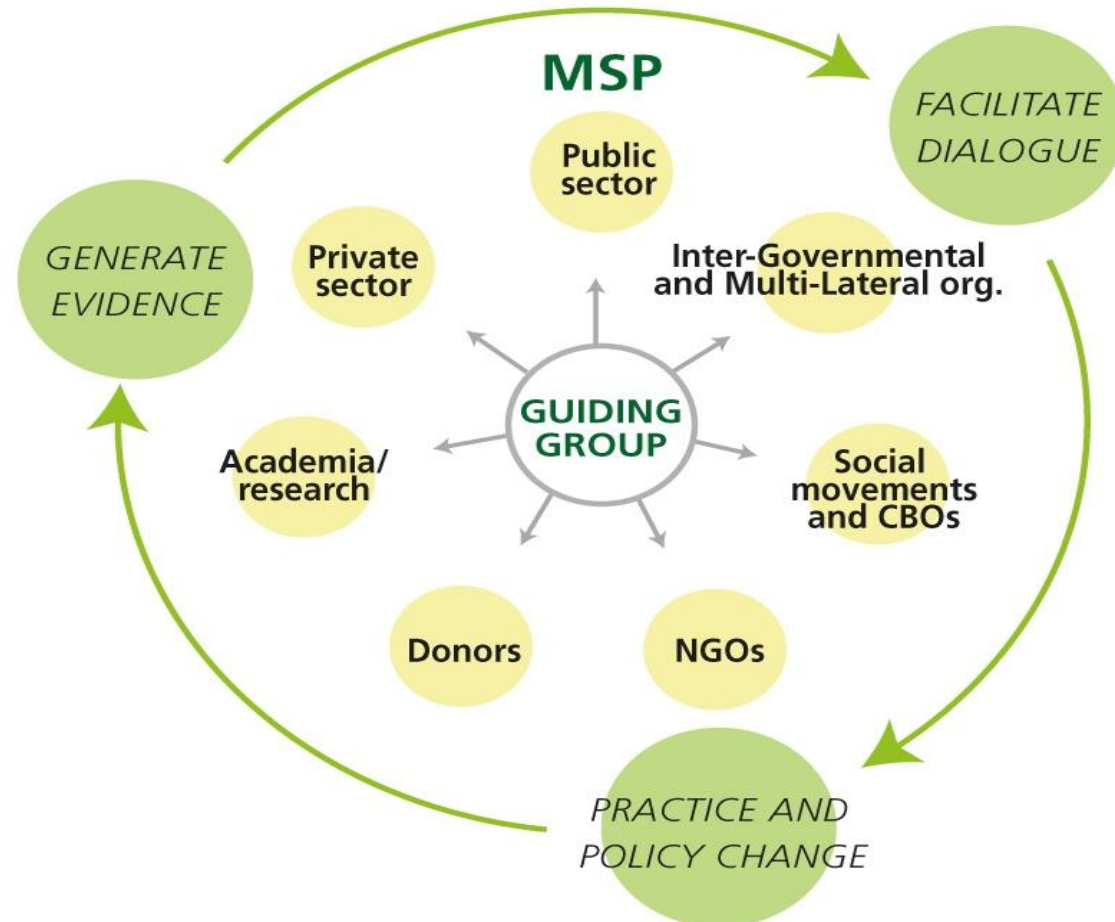


The Global Agenda for Sustainable Livestock

Multi-stakeholder partnership that addresses global development issues related to livestock

Focus on
continuous improvement

Inclusive & consensual



Knowledge based

Integrated and
comprehensive sector
approach

Multistakeholder platform

Guiding Group

GASL Support Team

FAO

Action Networks

Closing the
Efficiency Gap

Restoring
value to
grassland

Waste to
worth

Dairy
Asia

Global
Silvopastoral
Network

LEAP
Livestock Environmental
Assessment and
Performance Partnership



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The Panama Declaration

The agenda agrees to:

1. Support the **SDGs and recognize them as the overarching framework** of the Global Agenda for Sustainable Livestock;
2. Engage in **multi-stakeholder dialogue for consensus building** from local to global levels, and in stakeholder initiatives and action networks;
3. Take an **integrated approach to sustainable livestock** that includes consideration of livelihoods, social impacts, public health and animal welfare, environmental impacts, land use and tenure, and biodiversity;
4. Build tools for integrated decision-making that **reflect livestock system diversity** and different contexts and priorities;
5. Contribute to policy reforms, institutional development and investments for **sustaining practice change**;



Together We Strive: Divided We fail



BACKGROUND INFORMATION OF THE GLOBAL NETWORK ON SILVOPASTORAL SYSTEMS



GLOBAL AGENDA FOR
SUSTAINABLE LIVESTOCK

5TH MULTI-STAKEHOLDER PLATFORM
(MSP) MEETING

CALI, COLOMBIA 7-10 OCTOBER 2014

TOGETHER FOR CHANGE



Visit to El Hatiko Natural Reserve



VIII International Congress of
Agroforestry Systems

MAIN OBJECTIVE

Promote the strengthening and scaling up of SPS, wherever there are technical, economic, environmental, and cultural options for supporting livelihoods and business activities with sustainable livestock farming, specifically through the **generation, exchange and dissemination of knowledge, the documentation of public policies in countries and/or sub-regions, and the facilitation of dialogue** to address the challenges associated with Sustainable Development Goals.



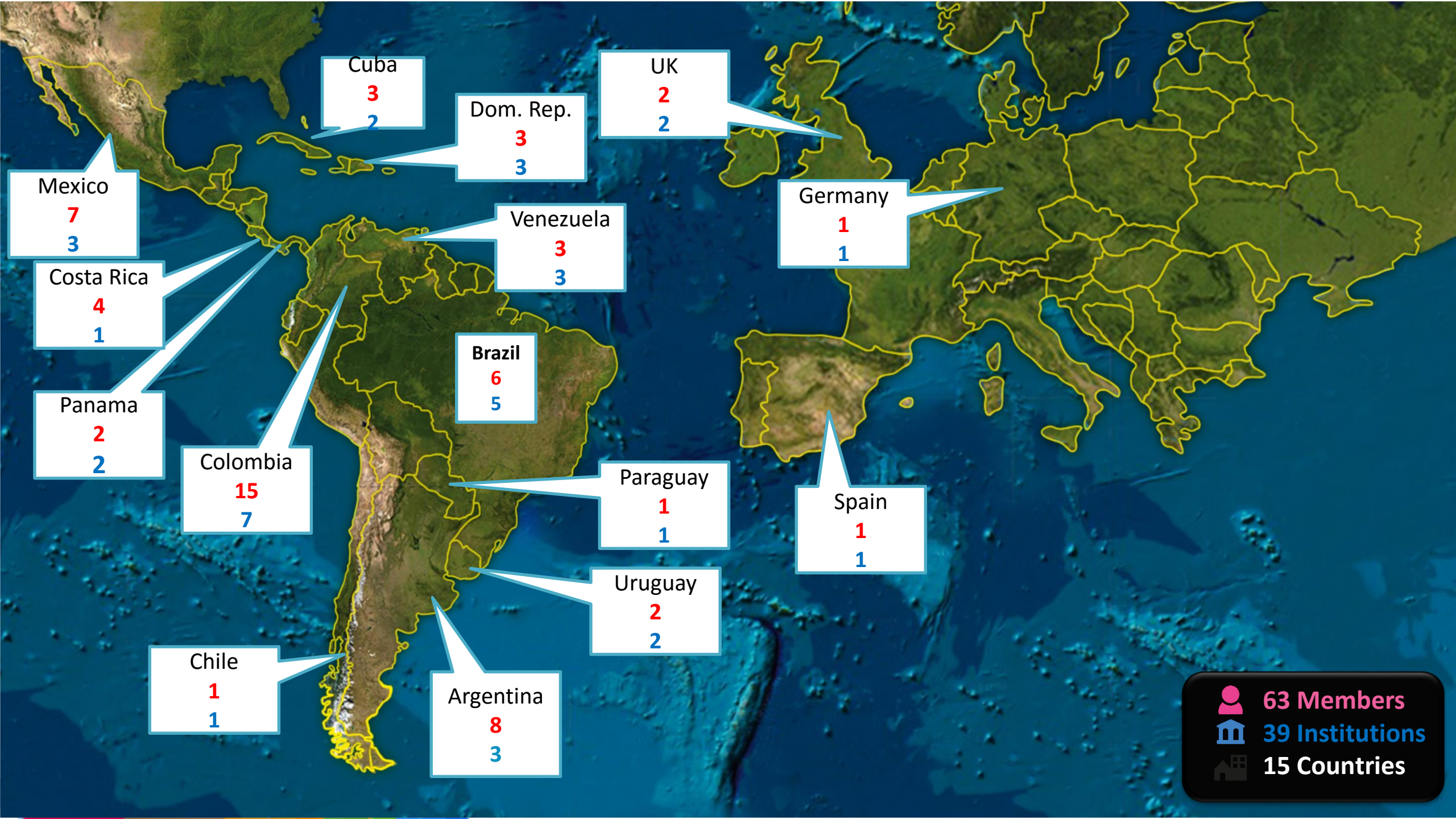
LONG TERM OUTCOMES

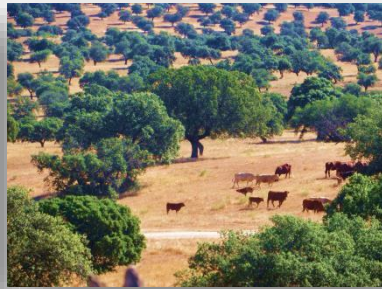
- Identify the **relevant stakeholders and initiatives in silvopastoral systems at global level** and the areas where there are **demands for knowledge, advice or information** about silvopastoral processes.
- Serve as a neutral forum to **facilitate the exchange between strategic stakeholders** in the silvopastoral field including lead producers, private companies, public policy makers, scientists and communicators **to stimulate the local practice change** in silvopastoral systems.
- Serve as a **multi-stakeholder platform to find consensus** in the methodologies of evaluation, transfer of information and development of policies to promote the scaling up of silvopastoral systems.



WHO WE ARE







GLOBAL NETWORK ON SILVOPASTORAL SYSTEMS

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WORLD CONGRESS, SILVOPASTORAL SYSTEMS, 2016



Évora, Portugal, 27 September 2016



GLOBAL AGENDA FOR
SUSTAINABLE LIVESTOCK

MAIN ACTIVITIES

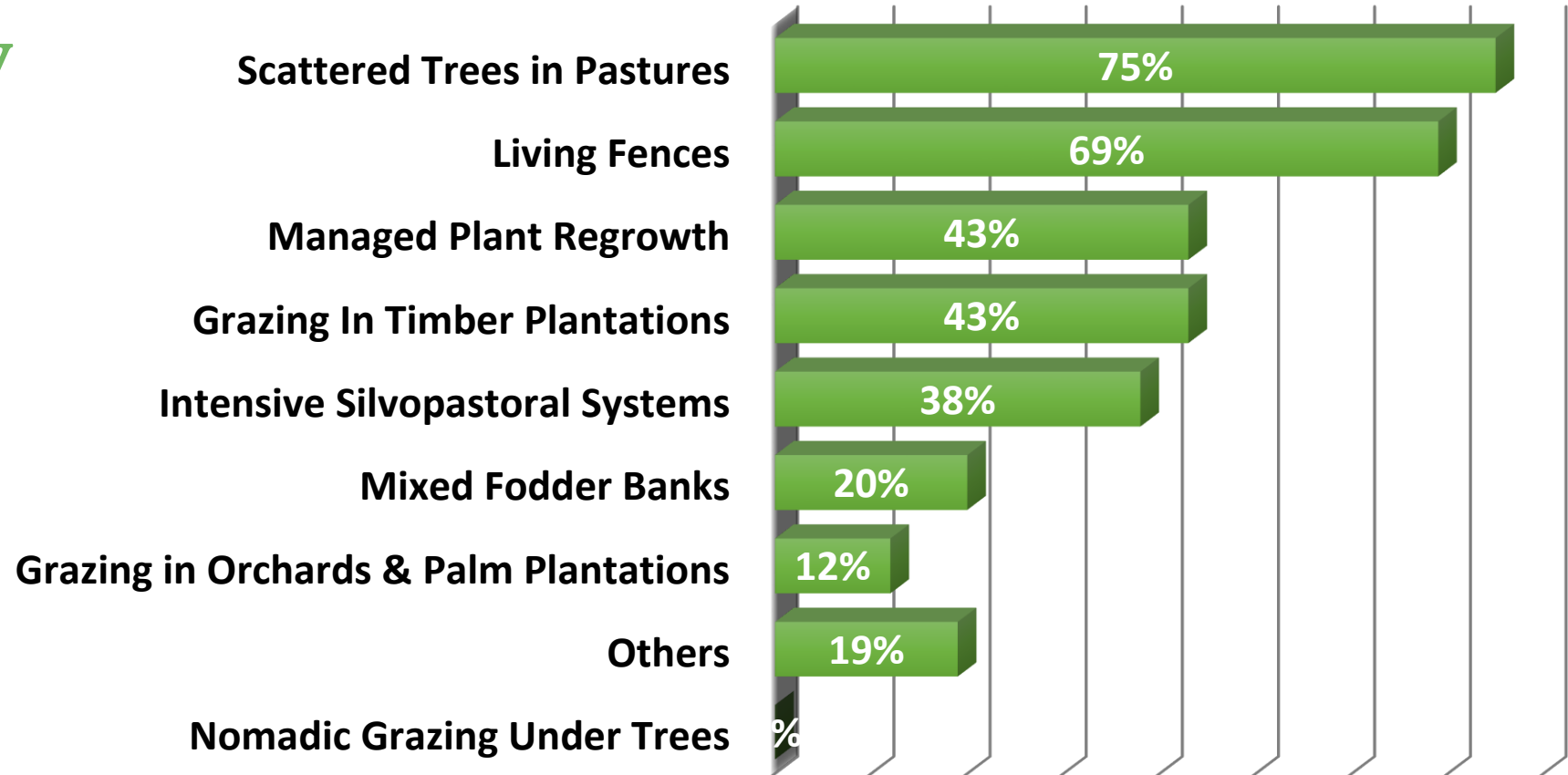
1. Database of stakeholders:
 - The database has 63 members from 39 institutions and 15 countries
2. Inventory of Silvopastoral arrangements
3. Survey about perceptions of SPS
4. Workshop in Misiones, Argentina
5. Development of a concept note and sustainability plan
6. Funding proposals



SURVEY ON SPS PERCEPCIONS

Question 1: Survey

In terms of area,
which are the three
most important
types of SPS in your
country?



SILVOPASTORAL ARRANGEMENTS



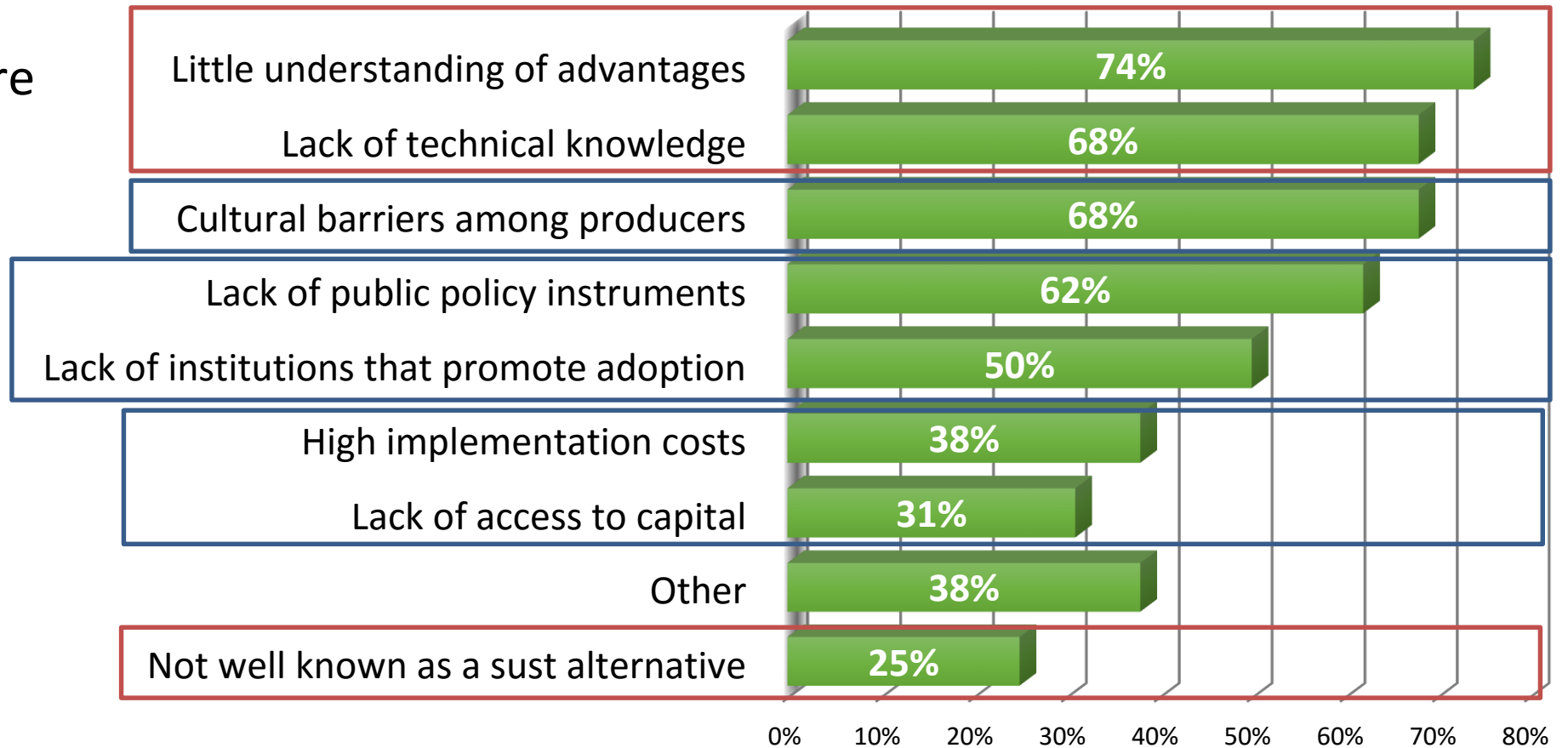
World Congress Silvopastoral Systems 2016
Evora, Portugal September 27 2016

Global Network on Silvopastoral Systems
Julián Chará

SURVEY ON SPS PERCEPCIONS

Question 2:

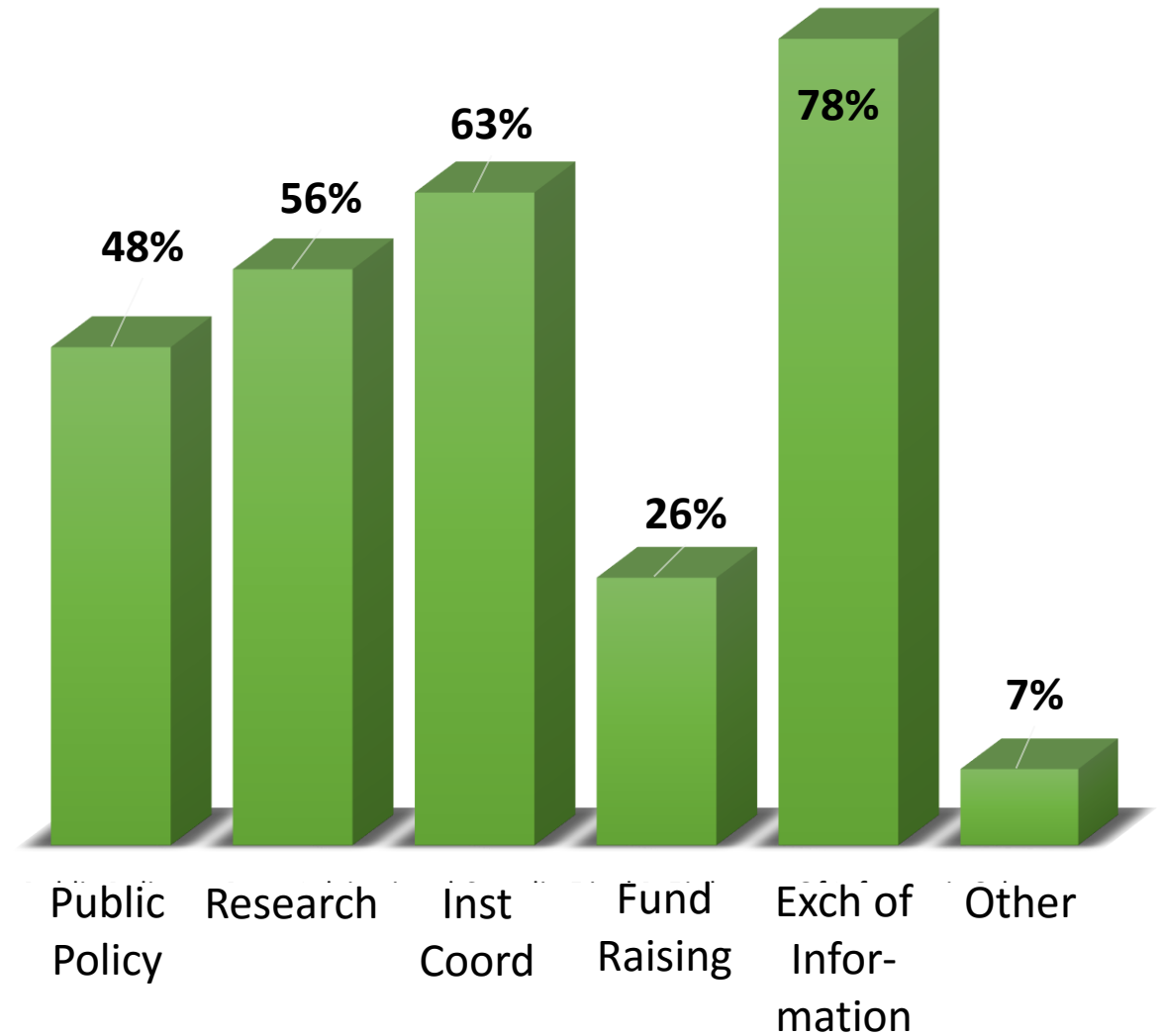
What do you think are the main barriers for scaling up SPS as a sustainable alternative?



SURVEY ON SPS PERCEPCIONS

Question 3:

What should be the main areas of intervention of a Global Silvopastoral Network?






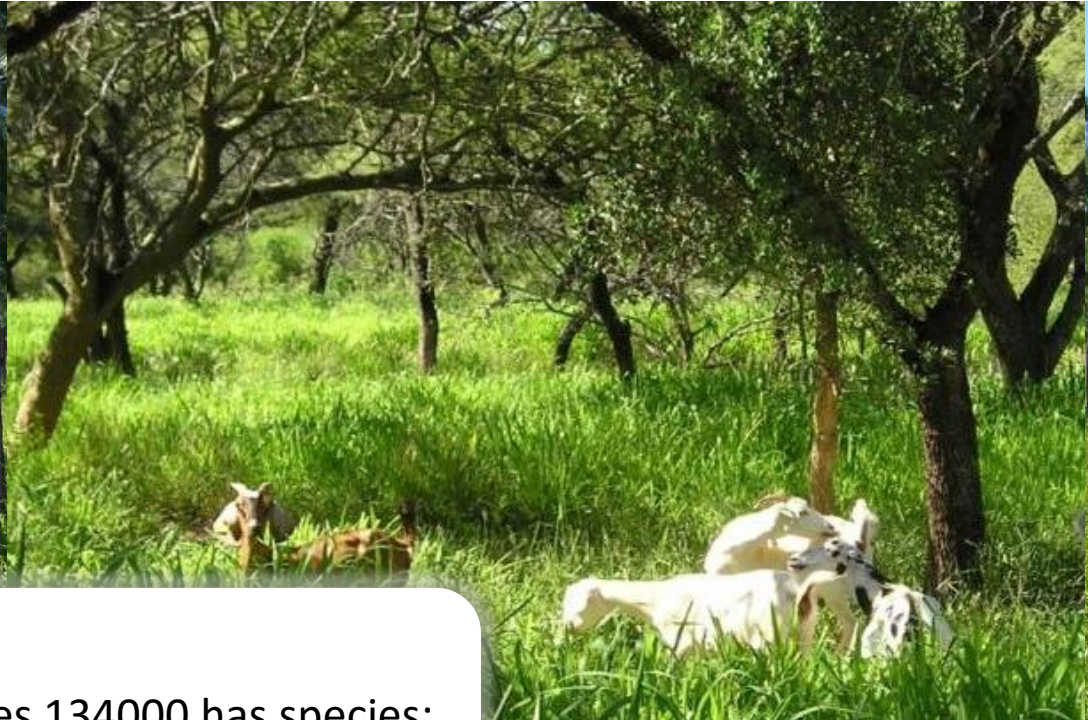
MAIN SILVOPASTORAL ARRANGEMENTS

Country	Number of SPS described	Description	Area (Has)
Argentina	9	SPS with timber trees SPS with native forests	134,000 42 million (Chaco)
Brazil	3	Grazing in timber plantations Grazing in natural regrowth forests Integrated Forestry-Agriculture-Livestock	800 1.5 millions
Colombia	3	Intensive Silvopastoral System	7,000
Mexico	1	Intensive Silvopastoral System	12,000
Paraguay	1	Grazing in timber plantations	5,000
Uruguay	2	Timber plantations in stripes Grazing in timber plantations	1 million aprox.
Central America	1	Timber species in fences and along roads	ND



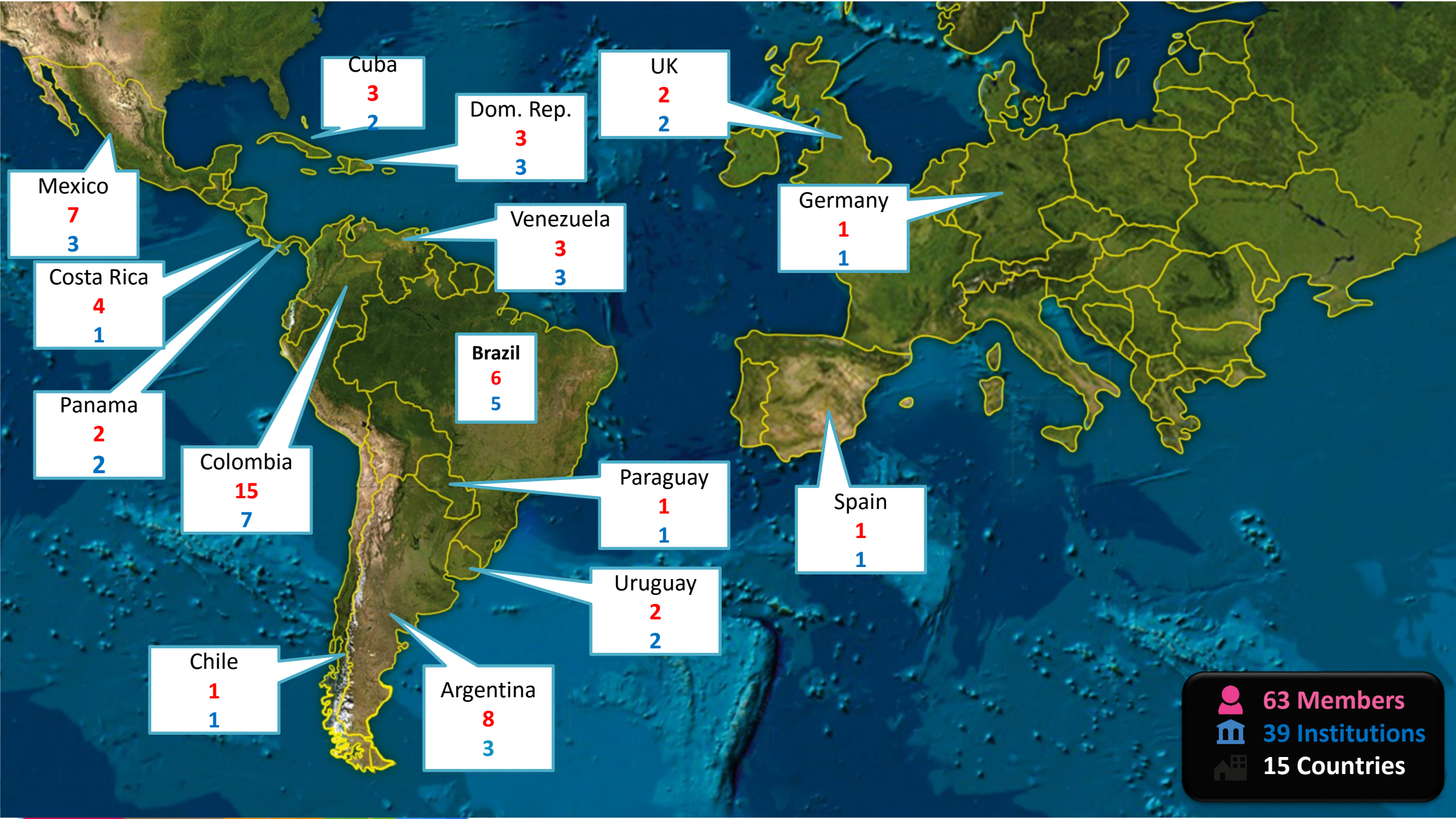





 **63 Members**
 **39 Institutions**
 **15 Countries**



Argentina. INTA, CREA

Grazing under timber trees 134000 has species:
Eucalyptus, Pine, Grevillea, Willow, Poplar



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ILPF silvopastoril

Eucalyptus in Double Lines with Braquiaria grass





*Eucalyptus + grevilea + aveia e azevém +
bovinos*



Eucalyptus + braquiaria + bovinos



Eucalyptus + Cynodon + bovinos



Eucalyptus spp. + Soja



*Paricá (Schizolobium amazonicum Huber
ex Ducke) + Ovino*



Diversas arbóreas nativas + Bovino



*Samaúma (Ceiba pentandra Gaerth) +
Bovino*



Ochroma pyramidale + Arroz

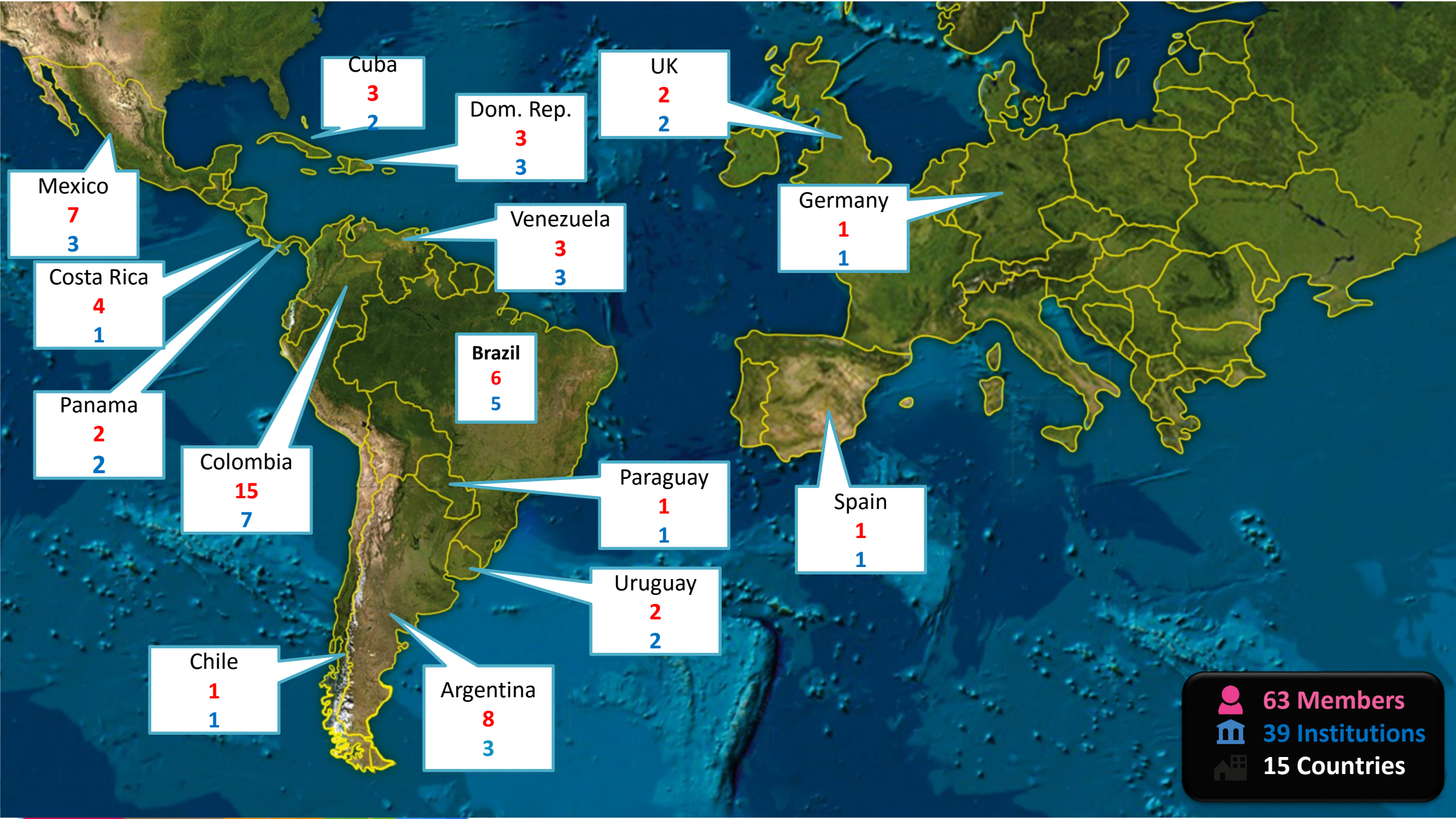





Tectona grandis + Soja

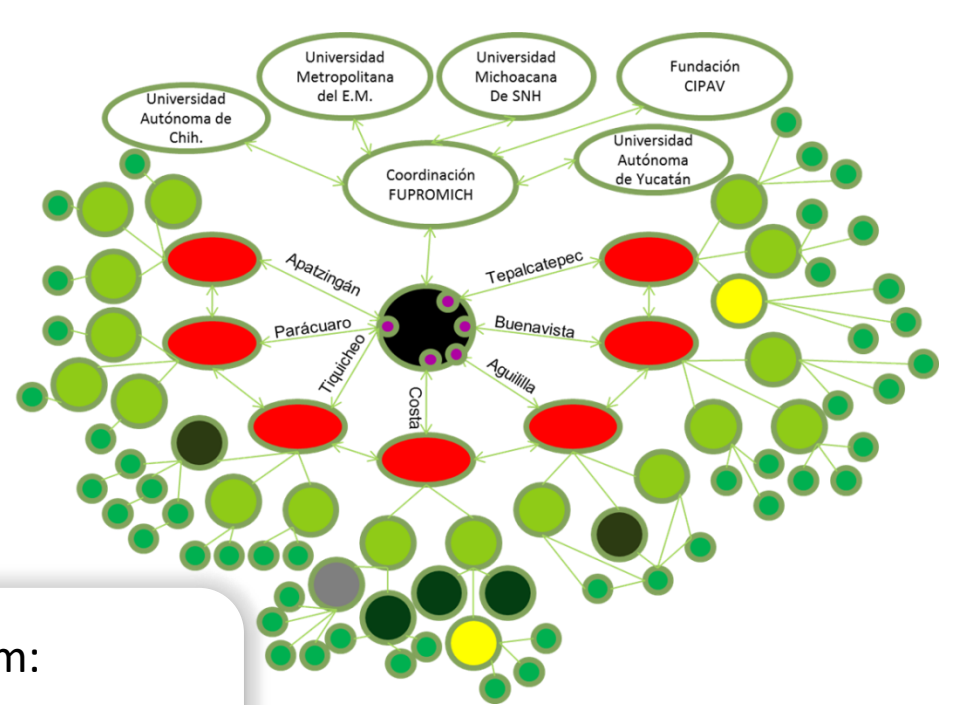
INTENSIVE SILVOPASTORAL SYSTEM WITH TITHONIA

Chácara das Gabirobas
Coronel Xavier Chaves. Mina Gerais, Brasil
Foto: Leonardo Calsavara, EMATER-MG feb 2016





 **63 Members**
 **39 Institutions**
 **15 Countries**



Mexico: Intensive Silvopastoral System:
12.000 ha
Species: *Leucaena*, *Guazuma Ulmifolia*, *Tithonia*



NEXT STEPS

1. Joining efforts with FA1.

- Refining and provide clear guidance for the use of EM in SPS cases
- Implement SPS case studies to further characterize SPS in LA with a standard methodology

2. Establish links with SPS stakeholders in other regions of the world.

3. Consolidate a platform to exchange information for different stakeholders: Research and Academia, Farmers and technicians, Policy makers.



NEXT STEPS

4. Symposium in the 9th International Silvopastoral Congress in Colombia in 2017



Manizales, Colombia, Septiembre 6-8, 2017

