

**9th World Bamboo Congress
Antwerp 10 – 15 April 2012**



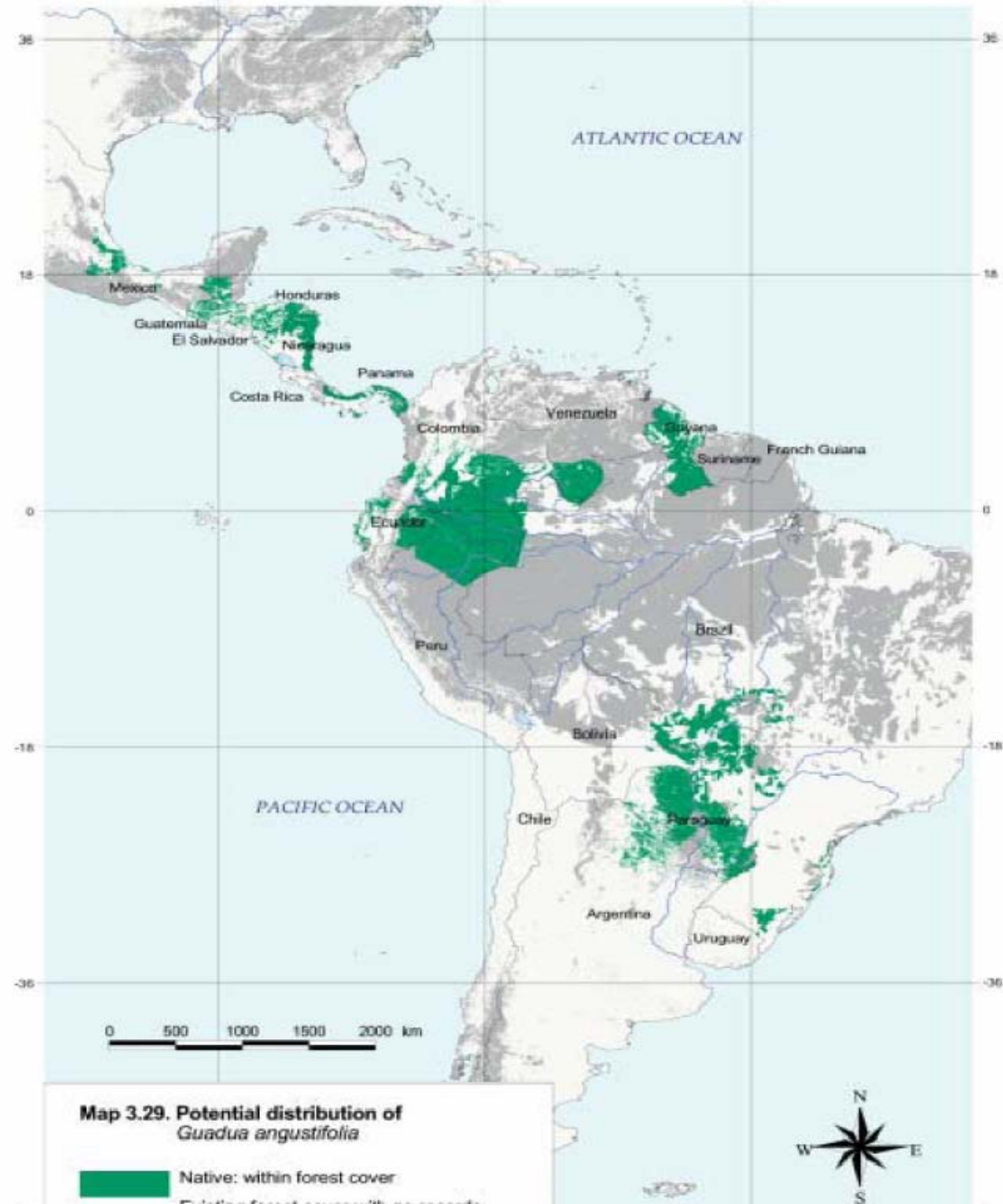
Bamboo – Guadua in Colombia Administration and Environmental Sustainability

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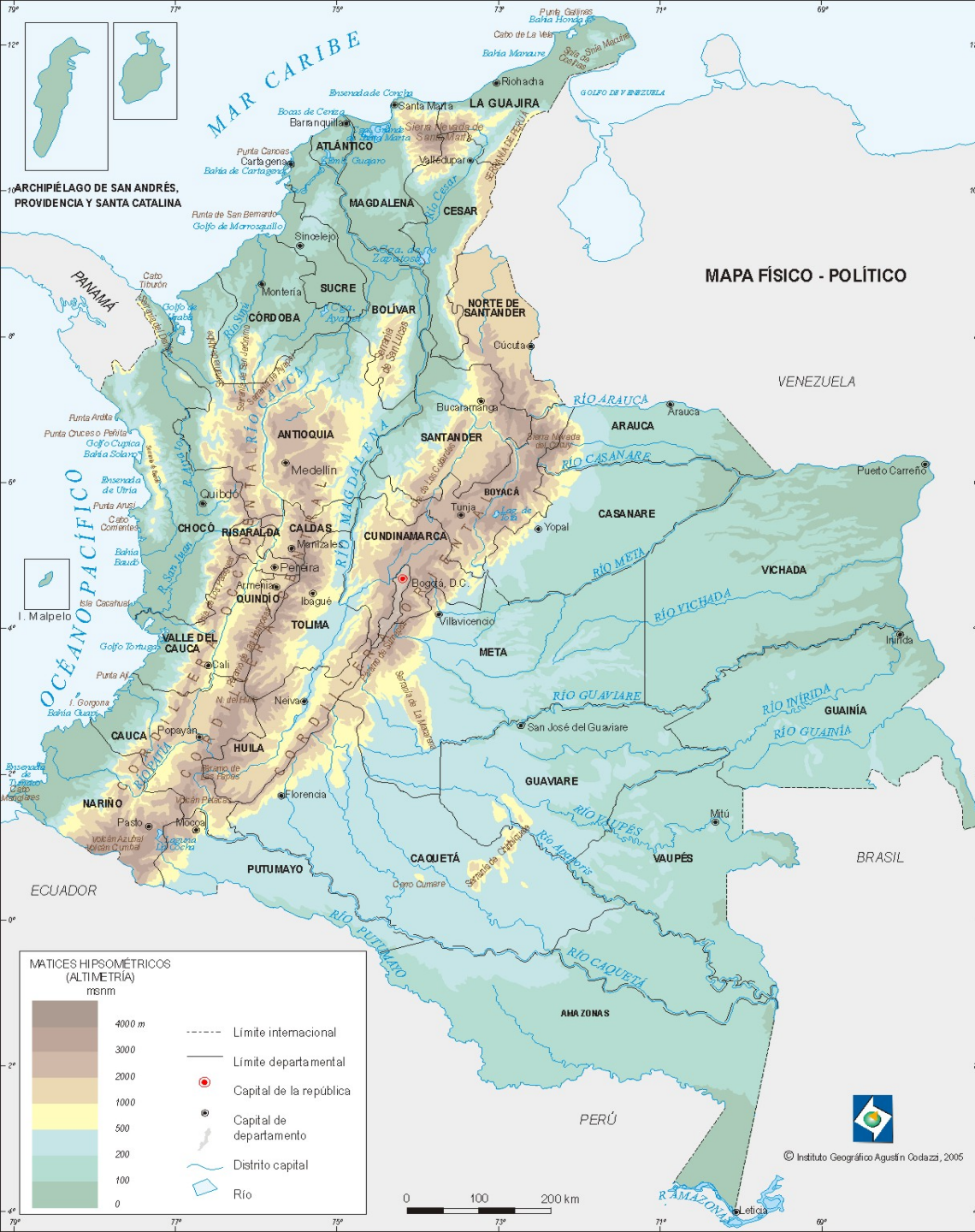
LOCATION OF THE GUADUA IN AMERICA



LOCATION OF GUADUA BAMBOO IN COLOMBIA

**COLOMBIA CURRENTLY HAS
ABOUT 55,100 HA. OF THE
GUADUA BAMBOO
(90% IS NATURAL AND 10%
PLANTED)**

**IT IS ESTIMATED A MINIMUM
POTENTIAL OF 5 MILLIONS OF
HECTARES TO PLANT**



Administration and management of the bamboo – guadua

These forests of bamboo - Guadua, called "Guaduales" are used by the owners, under the addressing of environmental authorities of Colombia, who jointly by their experience, have developed a technical package that allows for the sustainability of the resource, through the rational use, considered to be the main activity of management initiatives, due to a "Management Plan for the sustainable forest exploitation of the Guadua", which includes forestry work as “ desganche, socla”, planning of thinning, primary processing and handling post processes harvest.

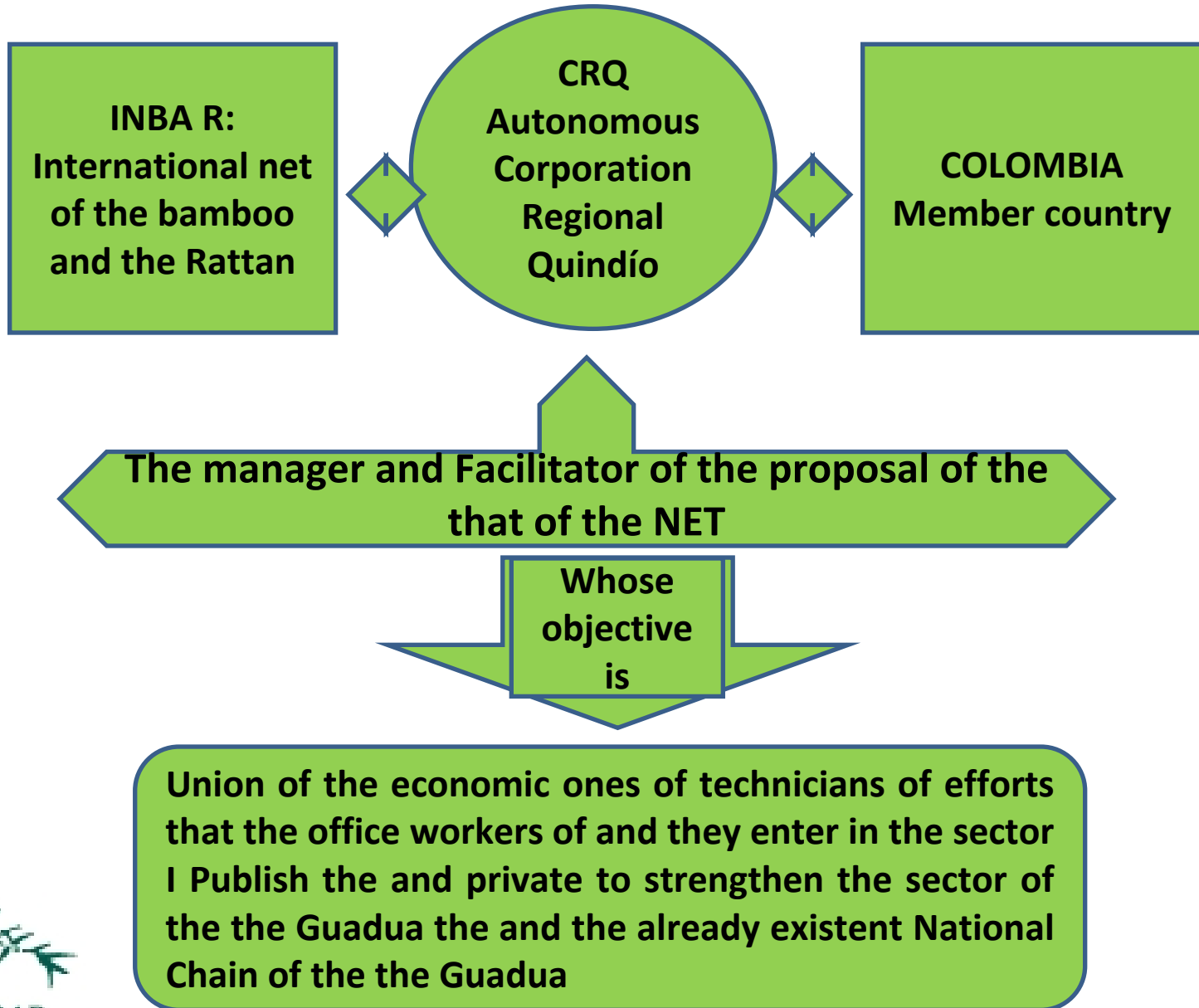
Follow up and control to The Guadua in Colombia



In Colombia, the “Environmental Authority” is the one that carries out the Follow up and Control before to the activities described, that which has allowed to elevate the level of the “**I Manage Sustainable of the Guaduales**” on the part of the users of this resource who in I associate with other institutions of the State, they have propitiated processes like the Unification of Norms, the Voluntary Forest Certification (the Guadua Only bamboo of America with standards for the certification), the conformation of Forest Nuclei, Productive Alliances and the of new development Clústeres like that of the Construction and the Bioingeniería that look for to improve the competitiveness and the commercialization of the derivative products of the use of the Guaduales.

New Politicians: National net of the Bamboo-Guadua

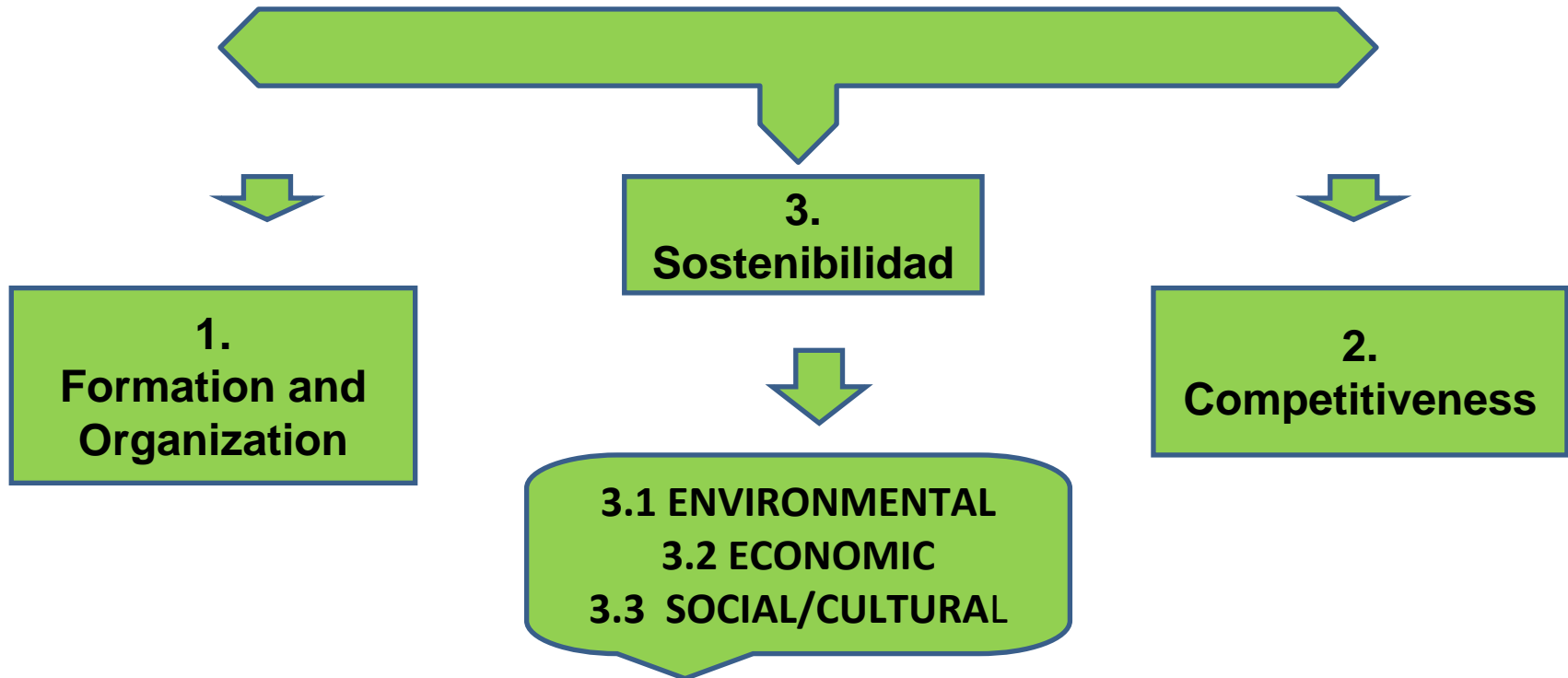
Proposal of Articulation for the sector





INTERNATIONAL OF THE RED BAMBOO THE AND THE RATTAN - INBAR

NATIONAL NET OF THE BAMBOO-GUADUA Agent: Regional Autonomous Corporation of the Quindío





1. The formation and Organization



Strengthening the process of the organization in the chain of the the Guadua the and others that are presented



Propitiating the organization of the they drift National of the training the formation of and of human talent in Guadua





2. Competitiveness and Marketing

Invigoration of the
competitiveness of the the
and of the access a markets

The one of Implementing
Clúster of the
environmental ones of the
services and of the
Construction Bioingeniería





3 Sostenibilidad



3.1 ENVIRONMENTAL



3.2 ECONOMIC



3.3 SOCIAL/CULTURAL



The bamboo – Guadua and their contribution a the Environmental Sostenibilidad in Colombia



The Guadua, in the Colombia front stands out another species for its the one for of particular capacity:

The The protection of the floor, the hydrological regulation in Basins Hidrográficas.

The to be niche of the flora the fauna of and,

The For their rate of the renovabilidad that guarantees high capacity of the fixation of CO₂

The AND to be a strategic species for the restoration of the degraded ones of the ecosystems, (the range of the wide one of the distribution and of the adaptability).



The bamboo - Guadua and their contribution to the Environmental Sostenibilidad in Colombia



The Guadua in Colombia, it is being thought so that it is used at world level in processes of Mitigation like the forest environmental restoration in surrounding areas of rivers and gulches of the areas stockings and low of the basins; like contribution to diminish the Risk and to Mitigate Impacts, where he/she can be an employee as main material in the construction of bioingeniería works and/or biomecánicas, without the environment is affected.



Finally, it is important to mention two important aspects, the first one has to do with the employment of this bamboo in the construction of rural housing programs, in emergency situations and the development to the establishment of forest plantations of Guadua looking for to increase the capacity of fixation of CO2 in strategic areas vulnerability, in front of the phenomenon of the global Heating.

Thank you

