FEDERICO TORRES CARBALLO
MINISTRY OF SCIENCE, TECHNOLOGY AND TELECOMMUNICATIONS
COSTA RICA
Sesión 2:
Avances en América Latina en la formulación de políticas para la bioeconomía

Towards a National Bioeconomy Policy in Costa Rica
Motivation of the process

- OCDE ADHESION PROCESS
- Legal Framework
Accession roadmap

CR Initial Memorandum

22 Comites Evaluations

CR parliament ratifies accession protocol

2015

Jul

OCR invitation

2016-2018

Ene

Kick off Mission

Feb

General Secretary visits CR

16-18

Accession protocol is approved

2018

CR becomes member
CSTP evaluation process

Questionnaires: July 2016

Mission: February 2017

CSTP: First Presentation and initial evaluation: October 2016
BNCT: First Presentation and initial evaluation: December 2016
CSTP: Accession Discussion: March 2017

September 2017: Positive formal opinion

Implementation of recommendations
Bioeconomy Legal Framework

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- Biofuel Regulation No.40050 MIINAE-MAG
- Paris Agreement approval Legislative Decree No.49405
- Electric Transport Promotion Law No.49405
Bioeconomy National Plans & Strategies

2010
- National Action Plan Climate Change Strategy
- National Sustainable Tourism Plan 2010-2016

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- National Science, Technology and Innovation Plan 2015-2030
- National Energy Plan 2015-2030

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Bioeconomy in Costa Rica

• “In the case of Costa Rica (about bioeconomy) the emphasis has been in biodiversity and ecosystems services base developments”. Hodson et al. 2014.
Bioeconomy Legal Framework

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The Challenges

• Coherence integration of the legal and strategic framework towards bioeconomy and circular economy in CR.

• Equilibrium facing great Challenges
Bioeconomy and Circular Economy

Bioeconomy

sustainability

Circular Economy
Bioeconomy and Circular Economy

Bioeconomy

Waste reduction

Circular Economy
Circular bioeconomy (CBE) (OECD)

• Circular economy means the end of the wasteful “take, make, dispose” approach

• Bioeconomy means the substitution of one proportion of fossil-based production with bio-based.

• There are synergies like cascading use of biomass- when everything that has economic value has been extracted, residues left over would be burned for energy generation-
Bioeconomy in Costa Rica

• In the last three years, legal and strategic framework has dinamise significantly.
LEGAL FRAMEWORK

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Bio economy Roadmap

**ORGANIZATION**
- Inter ministerial Committee for Bio economy (Inter sectorial coordination)
- Industry participation

**LEGAL**
- Stock taking
- Analysis
- Prioritization
- External regulations
- Bill of laws

**COOPERATION**
- Strengthen institutional reforms
  - Technical cooperation for best practice adoption

**JOINED INSTITUTIONS**
- MINAE: responsible for coordinating the energy issue - SENARA
- MEIC: supports economic and social development
- Ministry of Health: CONIS
- MAG: SFE, INTA, SENASA
- Industry Chamber: Related to bio economy
- COMEX: Defines and directs foreign trade and investment policy
Main difficulties founded

• Many institutions involved.

• Different perspectives public/private government institutions/civil society
Learned lessons

• It is a very new process

• Emphasis in governance. Participation of institutions in Comites
Thanks.
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federico.torres@micit.go.cr