



COSTA RICA
GOBIERNO DE LA REPÚBLICA

First Biennial Update Report

*Facilitative Sharing of Views
Marrakesh, 2016*

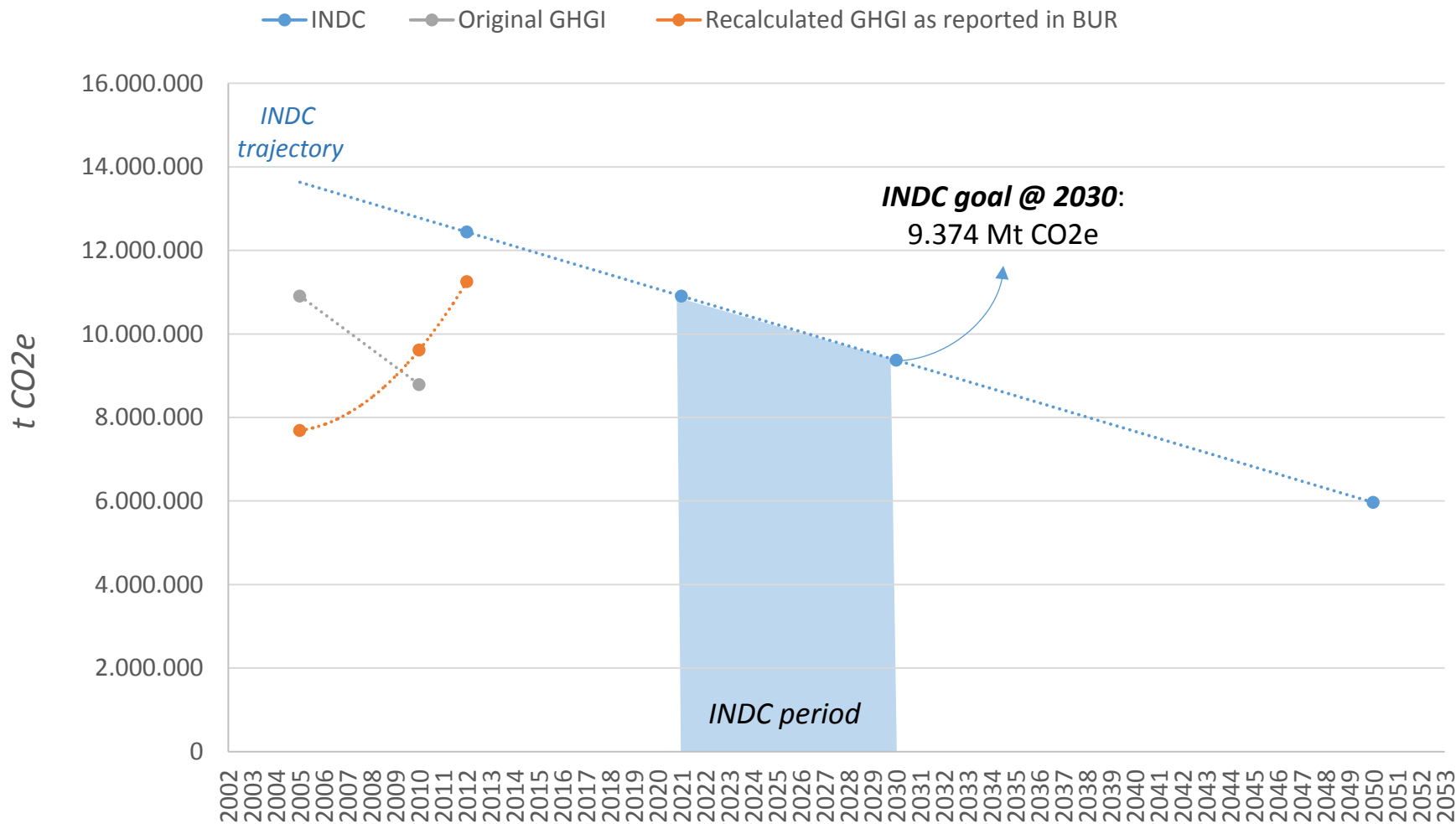


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Outline

- Overarching national mitigation goal
 - BUR results and key lessons
 - Update of projections
- Mitigation actions & effects in first BUR
- Steps for meeting ambition
- Steps for enhancing transparency
- Obstacles, barriers & support received and needed
- Response to questions received

Overarching national mitigation goal



BUR results *versus* Overarching national mitigation goal

- **Key messages:**

- High ambition in our INDC, but support is required for transformational change to occur in the short-term, especially for agriculture y transport

Prioritizing action:

Agriculture:

- Coffe NAMA
- Livestock NAMA

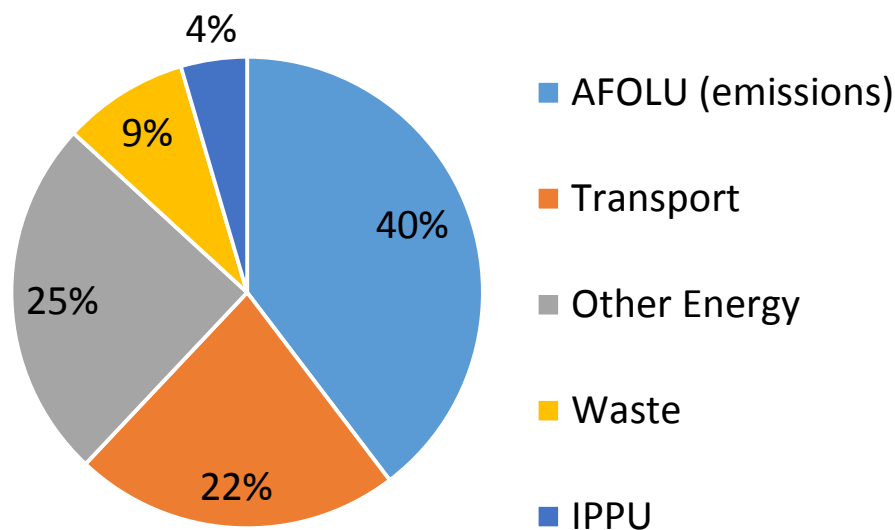
Transport:

- Ambitious workplan for electro & sustainable mobility

LULUCF:

- National REDD+ Strategy

Total emissions (Gg CO₂)
GHGI for 2012 as reported in BUR



BUR results *versus* Overarching national mitigation goal

- ***Key messages:***

- Recalculations had/may have significant impacts on National GHG Inventory totals – scenarios and projections change fast
- BUR provided partial time series (2005-2012). We're committed to completing them to understand long-term trends and plan policy accordingly
- Projections included in the BUR are preliminary, current work will provide more accurate estimates (next slide)



Updating GHG emissions projections

- Costa Rica has been working on improving GHG emissions MRV and projection capacities
- For the BUR, this was done in an *ad hoc* basis with project developers, sectoral ministries and other stakeholders providing estimates
- Recognizing the importance of solid projections for long-term planning Costa Rica, through the support of the PMR-PAWP has started a national implementation of TIMES modelling platform
- TIMES is the most widely used, least-cost optimization methodology employed to inform energy (and water) policy and strategic planning, it was developed and is maintained by IEA-ETSAP

Mitigation actions & effects in first BUR

* Pre-2021, pre-Paris Agreement and pre-INDC mitigation actions

Action	GHGI Sector	Scale	Goal (Mt CO ₂ e)	Goal period	MRVed outcomes (Mt CO ₂)	MRV period
Domestic C-Market (C-brand)	All	Organization	<i>TB Updated</i>	2021	Implicit in GHGI	2009-2012
National Energy Plan	Energy	National	<i>TB Updated</i>	2021	<i>Work in progress</i>	TBD
National REDD+ Strategy	AFOLU	National	31.5	2010-2025	8.8	2010-2013
Coffee NAMA	AFOLU	National	<i>TB Updated</i>	2024	<i>Work in progress</i>	TBD
Livestock NAMA	AFOLU	National	12.9	2028	<i>Work in progress</i>	TBD
Waste water treatment	Waste	Sub-national	TBD	TBD	<i>Work in progress</i>	TBD

- Goals and MRV are *emission reductions*

- CDM projects excluded from table. Overall expected contribution to mitigation: **0.2 M tCO₂** during 2006-2006.



Additional mitigation for *deep decarbonization*

- Costa Rica seeks to become a national-scale **laboratory** for **deep decarbonization** and has begun development and implementation of additional mitigation measures aligned with our **INDC** and key categories in **GHGI**:
 - Levy on mobile emissions sources
 - Levy on static emissions sources
 - Law for the Promotion of Electric Vehicles
 - Updating the Energy Efficiency Policy
 - Enabling conditions for distributed electrical generation project



Steps for enhancing transparency

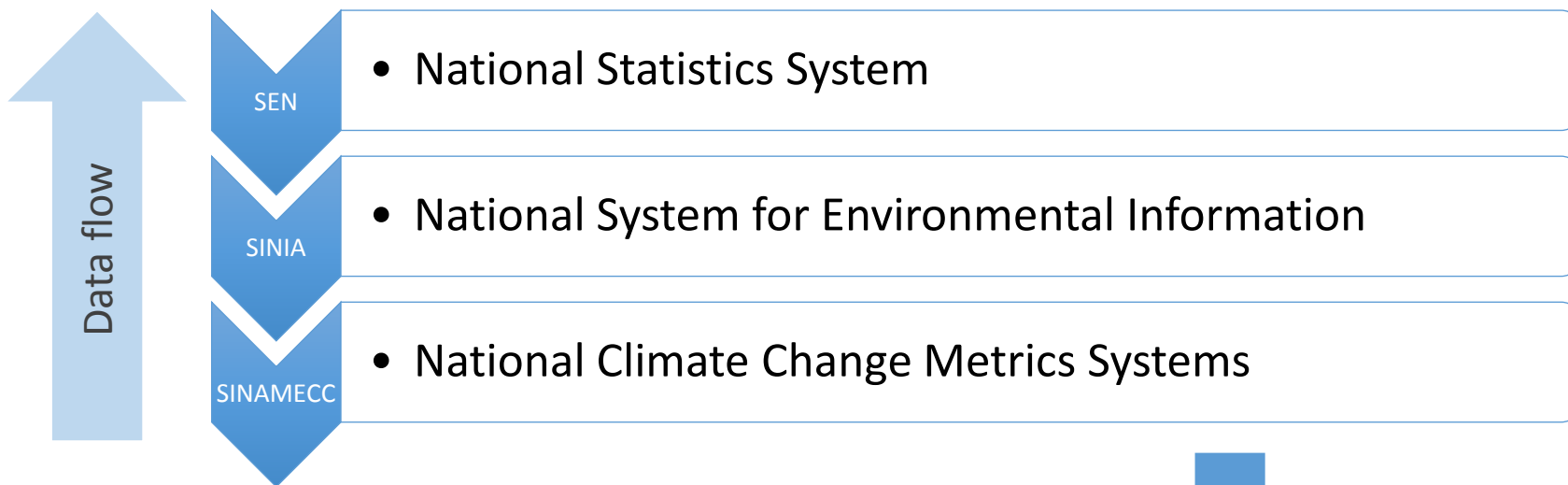
- Costa Rica is actively seeking ways to increase transparency, including **approved projects** with



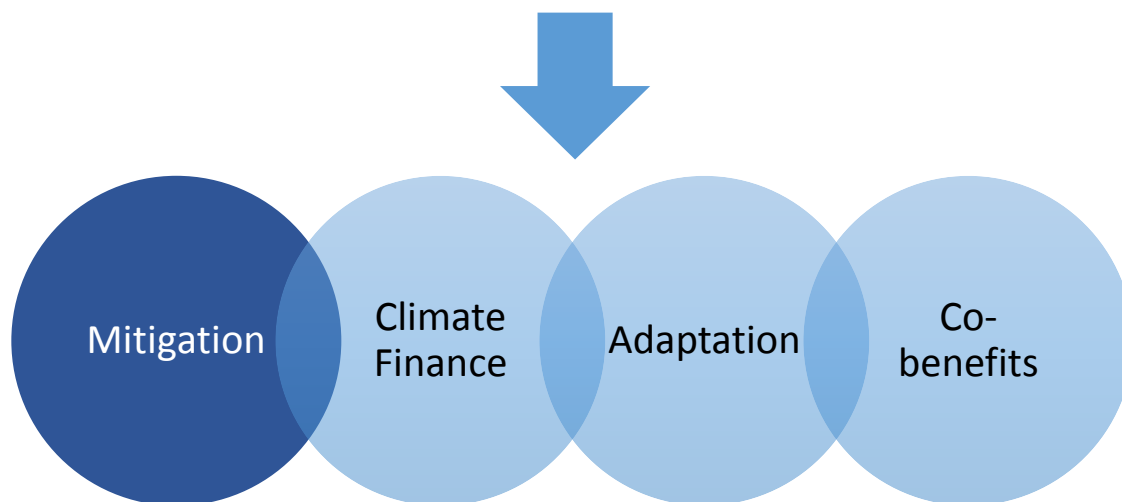
to develop the:

National Climate Change Metrics System

Steps for enhancing transparency

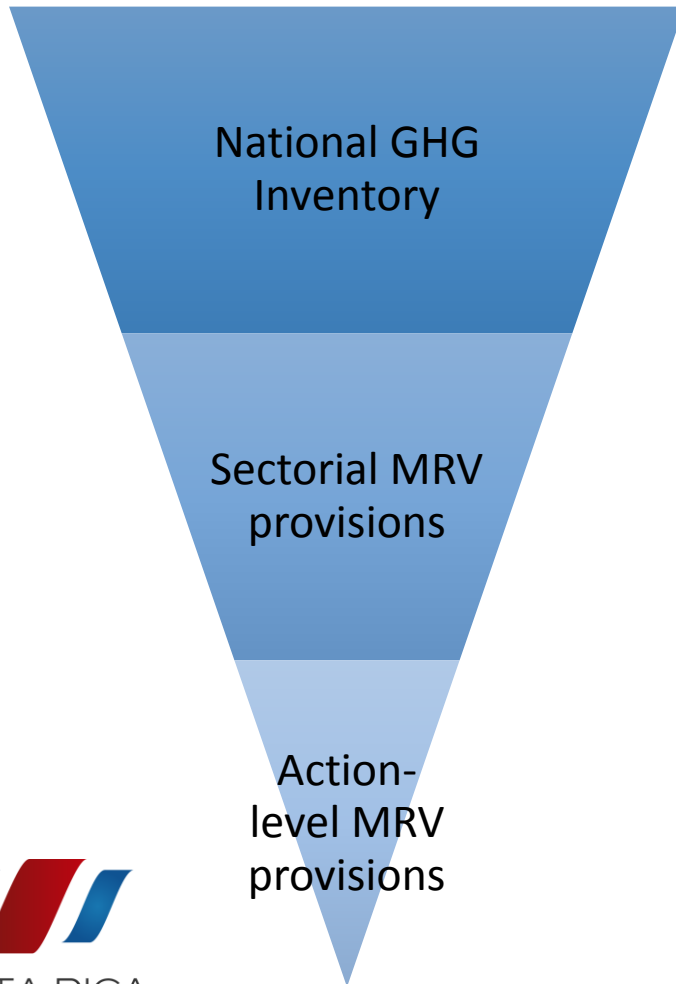


- 4C Scientific peer-review
- 5C Open data to public



SINAMECC

(Mitigation)



FUNCTIONS for Mitigation at *all levels*

(we've secured funding for all functions)

Achieve multi-level consistency by

- Using IPCC categories and sub-categories, gases and C pools
- Giving flexibility to sectorial- and action- MRV efforts to refine national GHGI

Ensure data quality by

- Install ambitious QA/QC program

Define data-driven policy by

Creating a CC Strategic Planning Unit to:

- Conduct regular National Stocktakes
- Assess progress of existing policies
- Identify gaps in achieving INDC
- Propose additional policies on *key source categories* based on GHGI





Barriers & obstacles

- Capacity building, high expectations with current and future work through CBIT
- Institutionalize knowledge and specific expertise

Support received & needed

- Working to improve quantification through SINAMECC
- Support needed to scale implementation of mitigation actions towards transformational change

Response to questions

Question by	Topic	Answer
EU	Experience in implementing BUR guidelines	<ul style="list-style-type: none">• Challenges for MRVing action level outcomes• Challenges for MRVing certain IPCC sources for which methods are provided
EU	National Inventory Report	<ul style="list-style-type: none">• Increases transparency of GHGI for domestic and international reporting purposes
EU	Use of higher tiers	<ul style="list-style-type: none">• We use Tier 1 if no other choice• Better understanding of overall GHGI• Next steps: improve AFOLU due to high uncertainty
EU/Peru	Capacity building needs	<ul style="list-style-type: none">• 13 'generic' needs identified in the BUR will be revised in the context of:<ul style="list-style-type: none">• needs to implement actions for deep decarbonization• needs to implement the SINAMECC
EU	Process for QAing the GHGI	<ul style="list-style-type: none">• Independent international expert hired to review entire GHGI

Response to questions

Question by	Topic	Answer
USA	Projections & institutional arrangements	<ul style="list-style-type: none">• Projections in BUR are preliminary, outsourced but validated by stakeholders• Improved projections planned by institutionalizing the use of TIMES by <i>CC Change Strategic Planning Unit</i> (CBIT funding approved)
USA	Use of 2006 IPCC Guidelines	<ul style="list-style-type: none">• Always strive to use latest IPCC- next step is explore 2013 Wetlands Supplements• <i>Beneficial</i>: AFOLU improved our understanding of the land use sector, although recalculations were significant• Challenges to obtain data for several categories (work in progress)
EU/USA/NZ/ Switzerland/ Peru	Effects of mitigation actions	<ul style="list-style-type: none">• Current action-level MRVs are underway; we're gaining experience as we go• Improvements planned via SINAMECC on sub-systems for methods and data collection (<i>projects underway</i>: AFOLU (SIMOCUTE, NAMAs) and transport sub-sector)



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Thank you

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