# TOCANTINS BRAZIL

distinct environmental policies & governance

(LED-R) AT A GLANCE

territory)

national politics

livestock areas



### JURISDICTIONAL SUSTAINABILITY PROFILE

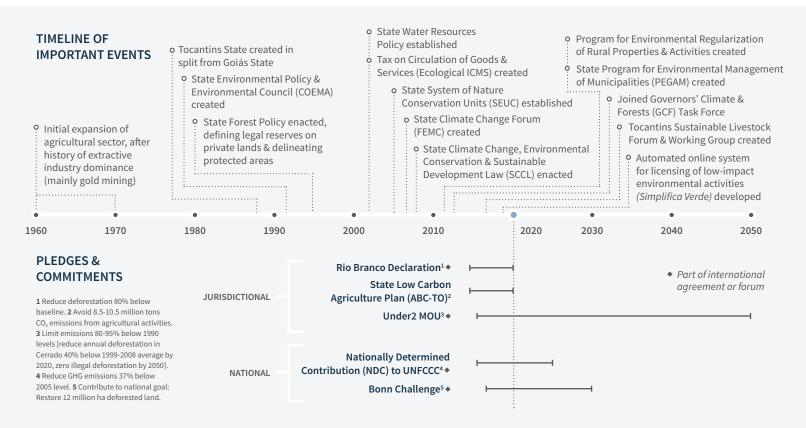


SPOTLIGHT ON INNOVATION The Integrated Sustainable Regional Development Project (PDRIS)

is Tocantins' umbrella program for offering loans to support various state secretaries and policies. Since the project's inception in 2012, the World Bank anticipated that the US\$ 300 million loan would directly benefit 300,000 people in 72 counties - aiming to address some of the challenges that Tocantins faces as a relatively new state. Financed by the International Bank for Reconstruction and Development (IBRD) and implemented by the State Secretariat of Finance and Planning (SEFAZ), PDRIS aims to improve transportation infrastructure and support development that is balanced throughout the state, rather than concentrated in certain areas. To meet these objectives, PDRIS creates employment opportunities and promotes activities that strengthen

environmental education statewide. PDRIS offers loans to different state secretariats (SEMARH, SEAGRO, SEPLAN) to develop programs relevant to their respective scopes of work. For example, PDRIS finances SEPLAN's Socioeconomic Impact Evaluations (AISA), and contributed to the development and updating of state environmental policies, including the SCCL and forthcoming PES policy. PDRIS also includes a Plan for IP (PPI), which regulates social and environmental impact assessments, and monitoring and evaluation plans, for projects affecting IP in select communities. PDRIS funds are also supporting development of the jurisdictional REDD+ program and a state MRV system, including forest inventories aligned with the Brazilian Cerrado FREL, proposed baseline, and benefit-sharing scenarios.

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### KEY INTERVENTIONS

#### ★ DISINCENTIVES I ENABLING MEASURES 🙊 INCENTIVES



1 Amazon Fund, 2 Tocantins Nature Institute (Naturatins), 3 State Secretary of Environment & Water Resources (SEMARH), 4 NICFI-UNDP/GCF-TF, 5 Secretary of Agriculture, Cattle Ranching & Aquaculture (SEAGRO), 6 Institute of Conservation and Sustainable Development (IDESAM), 7 State treasury, 8 Ministry of Agriculture (MAPA)

## PROGRESS TO JURISDICTIONAL SUSTAINABILITY

### O EARLY ● INTERMEDIATE ● ADVANCED

Integrated LED-R Strategy	<ul> <li>Jurisdictional REDD+ program (under development) will cover both Amazon &amp; Cerrado biomes, &amp; align state targets &amp; policies, including national &amp; international technical &amp; political requirements</li> <li>PPCDQ-TO encompasses both Cerrado &amp; Amazon regions, but resources are available at project rather than jurisdictional level</li> </ul>
Spatial plan	<ul> <li>State Ecological-Economic Zoning Plan (ZEE) passed into law (2012) as microzoning; a detailed ZEE is in final development &amp; review stages, &amp; will determine investments in degraded areas</li> <li>Recognition of indigenous peoples (IP) &amp; local community (LC) rights &amp; territories outlined in ZEE can become law following ZEE publication</li> <li>92% of property area requiring registration is already registered in the CAR, though there is some overlap between recognized quilombola lands &amp; titled private properties</li> </ul>
Performance targets	<ul> <li>PPCDQ-TO sets deforestation reduction targets for Amazon (75-80%) &amp; Cerrado (zero illegal deforestation); however, targets are not timebound (therefore, difficult to monitor progress)</li> <li>Governmental Working Group established to propose LED-R targets through multi-stakeholder dialogues, to convene in 2020</li> </ul>
Monitoring, reporting & verification (MRV)	<ul> <li>National Amazon deforestation data publicly available (PRODES &amp; DETER); INPE PRODES-Cerrado tool monitors Cerrado conversion to other uses (annual)</li> <li>Environmental Management Intelligence Center (CIGMA) under development</li> </ul>
Policies & incentives	<ul> <li>SCCL establishes objectives &amp; guidelines for reducing carbon emissions, including economic instruments to promote sustainable development</li> <li>Despite relatively high amount of rural finance contracts through ABC-TO, there is no system for monitoring emissions reductions</li> </ul>
Multi-stakeholder governance	<ul> <li>COEMA convenes federal, state, &amp; civil society actors to approve &amp; monitor all state environmental policies; meets regularly &amp; publishes minutes online</li> <li>FEMC initiates consultation process for defining targets</li> <li>State Water Resources Council convenes federal, state, &amp; civil society actors to approve &amp; monitor the state water resource policy &amp; its instruments (e.g., watershed committees as a tool for decentralized management)</li> </ul>
Sustainable agriculture	<ul> <li>Soy &amp; beef from Tocantins carry high deforestation risk (legal &amp; illegal) – reputational risk for commodity-purchasing companies</li> <li>Development of aquaculture industry (production increased 177% from 2010-2017) aims to increase low-emission protein production in already-degraded areas &amp; water bodies, reducing pressure for cattle expansion</li> <li>Campo Sustentável (Sustainable Field) project promotes integrated agroforestry production systems</li> </ul>
Indigenous peoples & local communities	<ul> <li>Free, prior &amp; informed consent (FPIC) is irregularly conducted in licensing processes, leading to conflicts betwee IP, public &amp; productive agricultural sectors</li> <li>Almost all of the state's 12 IP territories are titled; however, land tenure conflicts persist</li> </ul>
LED-R finance	<ul> <li>Pró-Solar Program offers economic incentives (e.g., tax exemption) to civil society, counties &amp; investors for generation &amp; use of solar energy</li> <li>In 2018, 135 of the state's 139 counties received benefits through the Ecological ICMS for positive environmental performance</li> </ul>
CITATION   M. de los F	Rios, A.C. Crisostomo, O. David, C. Stickler. 2020. "Tocantins, Brazil" in C. Stickler et al. (Eds.), in The State of

Jurisdictional Sustainability. San Francisco, CA: Ell; Bogor, Indonesia: CIFOR; Boulder, CO: GCF-TF.

COMPLETE REFERENCES & DATA SOURCES PROVIDED AT www.earthinnovation.org/state-of-jurisdictional-sustainability

2020/12/30 TECHNICAL TEAM







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# CHALLENGES & OPPORTUNITIES

- CHALLENGES
   Frequent administrative turnover
- impacts continuity of policies & programsPolitical pressure from commodity
- Political pressure from commodity producers & purchasers to expand agricultural & livestock areas, without territorial planning to control & regulate expansion
- Even with incentives (e.g., ICMS), counties face difficulties establishing strong environmental policies due to inadequate technical capacity &/or conflicting priorities
- Despite high number of rural finance contracts, high interest rates, poor technical assistance, & rigid bank requirements hinder producer access

#### OPPORTUNITIES

- SCCL is being revised to accommodate PES & REDD+ mechanisms
- State Climate Change & Environmental Services Policy, in legislative approval process, will implement a statewide PES system, including a jurisdictional REDD+ program
- Renewable energy sector with full potential to achieve identified reduction targets (Tocantins State Solar Energy Atlas)
- Implementation of zero-illegal deforestation commitments could mitigate reputational risks for sourcing companies
- Tocantins State is collaborating with other MATOPIBA states to develop a regional sustainable development strategy