



Land Governance in an Interconnected World

ANNUAL WORLD BANK CONFERENCE ON LAND AND POVERTY
WASHINGTON DC, MARCH 19-23, 2018



Land and Poverty Conference 2018 Masterclass on

12-05 | Setting Up a Blockchain-Enabled Land Registry: Process, Technology, and Organizational Dimensions

Friday, March 23, 2018 | 9:00 – 10:30 am | MC 2-800, World Bank

INSTRUCTORS

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Pilots and initial implementations using blockchain technology to strengthen land registration has occurred in Sweden, Georgia, Ukraine, Honduras, and India. The purpose of this master class is to utilize the lessons learned and explore, with participants, both the best practices and challenges of this exciting new technology. The class will cover:

- Blockchain land registration use cases in Sweden and Andhra Pradesh.
- Planning and scoping a blockchain land registry project.
- Identify the technology options which are available (e.g., public vs. private blockchains).
- Addressing identity solutions and technology security issues.
- Using and writing smart contracts.
- Integration issues between the land registry and the ecosystem of banks, notaries, and title agents.
- Connecting local land documentation initiatives to the blockchain.

The class will be hands-on and will include opportunities for the class to write a smart contract, develop a property-transfer related workflow, and designing the key steps in creating a blockchain-enabled land registry initiative.

Targeted audience: Practitioners, researchers, and other conference participants interested in the application of blockchain to strengthen land registration processes.

Actions required: Read the following White Paper regarding the blockchain land registration project in Sweden (http://ica-it.org/pdf/Blockchain_Landregistry_Report.pdf)

Masterclass program: We will cover three models of introducing blockchain into land registration administration based on Sweden, Andhra Pradesh, and local land documentation.