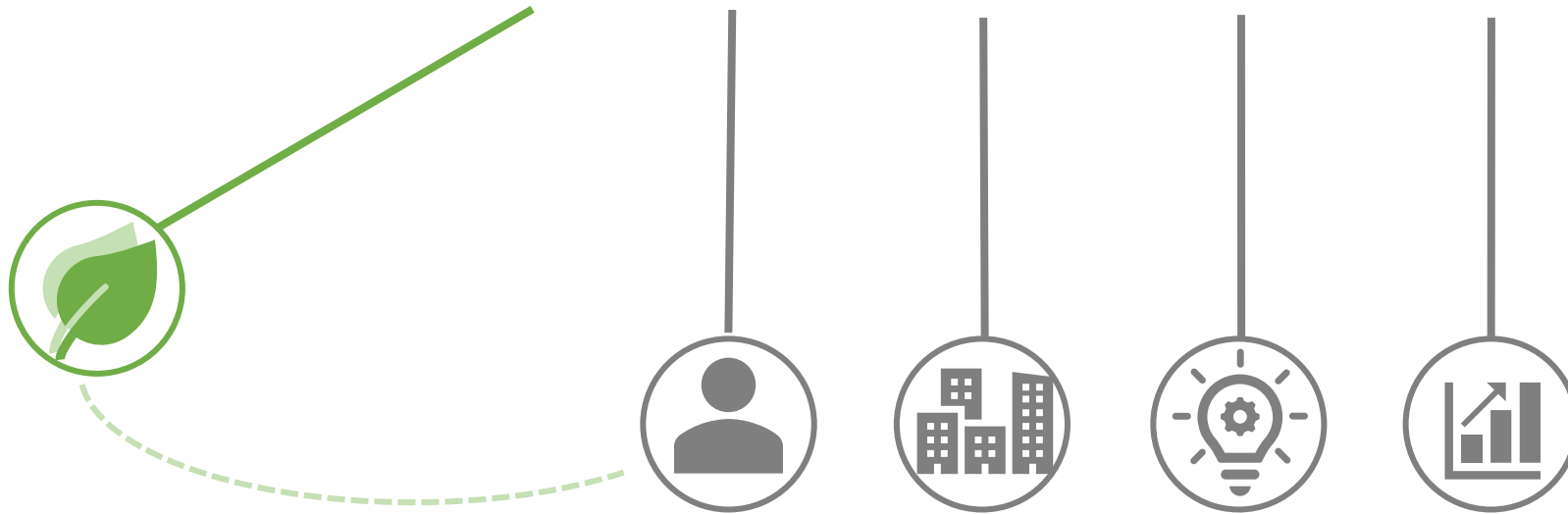


Transformative recovery and geospatial tools for urban planning

UNECLAC Human Settlements Unit
Diego Aulestia

Structural change for a highly urbanized region ...

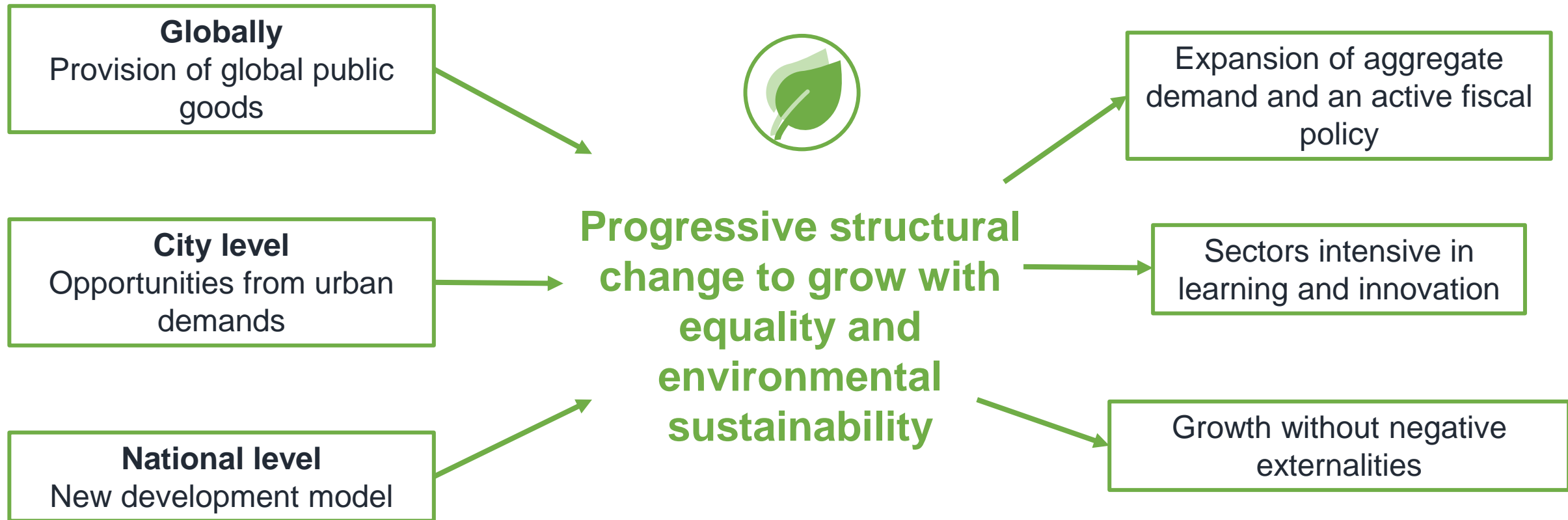
... A Big Push for Sustainability



Big Push for Sustainability: an articulated intervention of multiple actors and policy coherence to simultaneously guarantee economic growth, adoption of technological innovations, job creation, reduction of emissions and greater equality.








Structural change for a highly urbanized region ...

... A Big Push for Sustainability



A strategic Big Push for Sustainability

These sectors have a strategic role in closing the three gaps because they promote technical change, generate employment and reduce the external constraint and the environmental footprint:

-  Transformation of the energy matrix based on renewable energies
-  Sustainable mobility and urban spaces
-  The digital revolution and inclusion for sustainability
-  The health-care manufacturing industry & care economy
-  The bio economy - sustainable development based on biological resources and natural ecosystems
-  The circular economy
-  Sustainable tourism

A Big Push for Sustainability in the region

focused on a "Green Housing Recovery" strategies

Progressive structural change where national & local authorities play a renewed role:



Satisfy the generation of healthy and resilient urban housing



LAND, HOUSING,
PLANNING POLICIES



Promote innovative, affordable and scalable practices for housing solutions



ADJUSTMENTS IN
REGULATIONS AND
INCENTIVES



Support local production chains that promote job and value creation

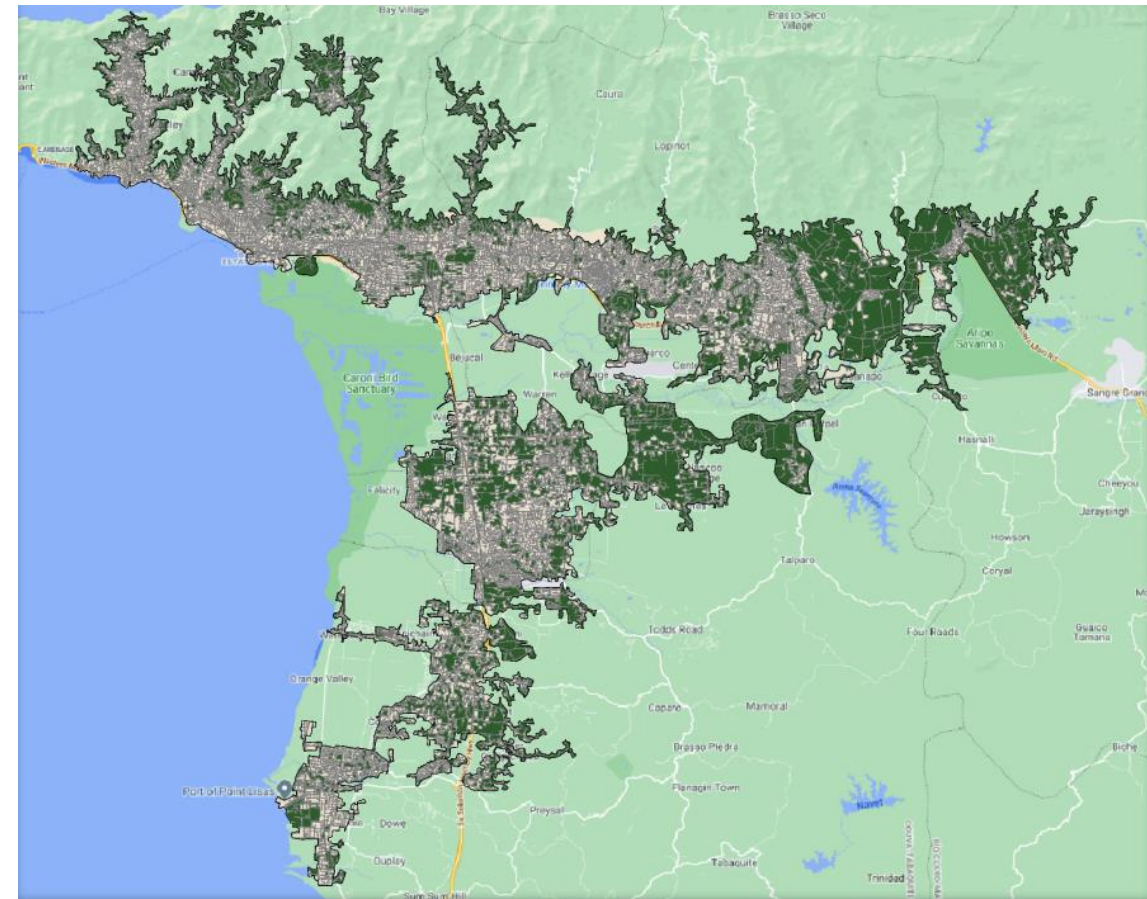


PROMOTE TECHNICAL,
FINANCIAL INNOVATION
AND INDUSTRIALIZATION
PROCESSES

Building-free areas within the urban area

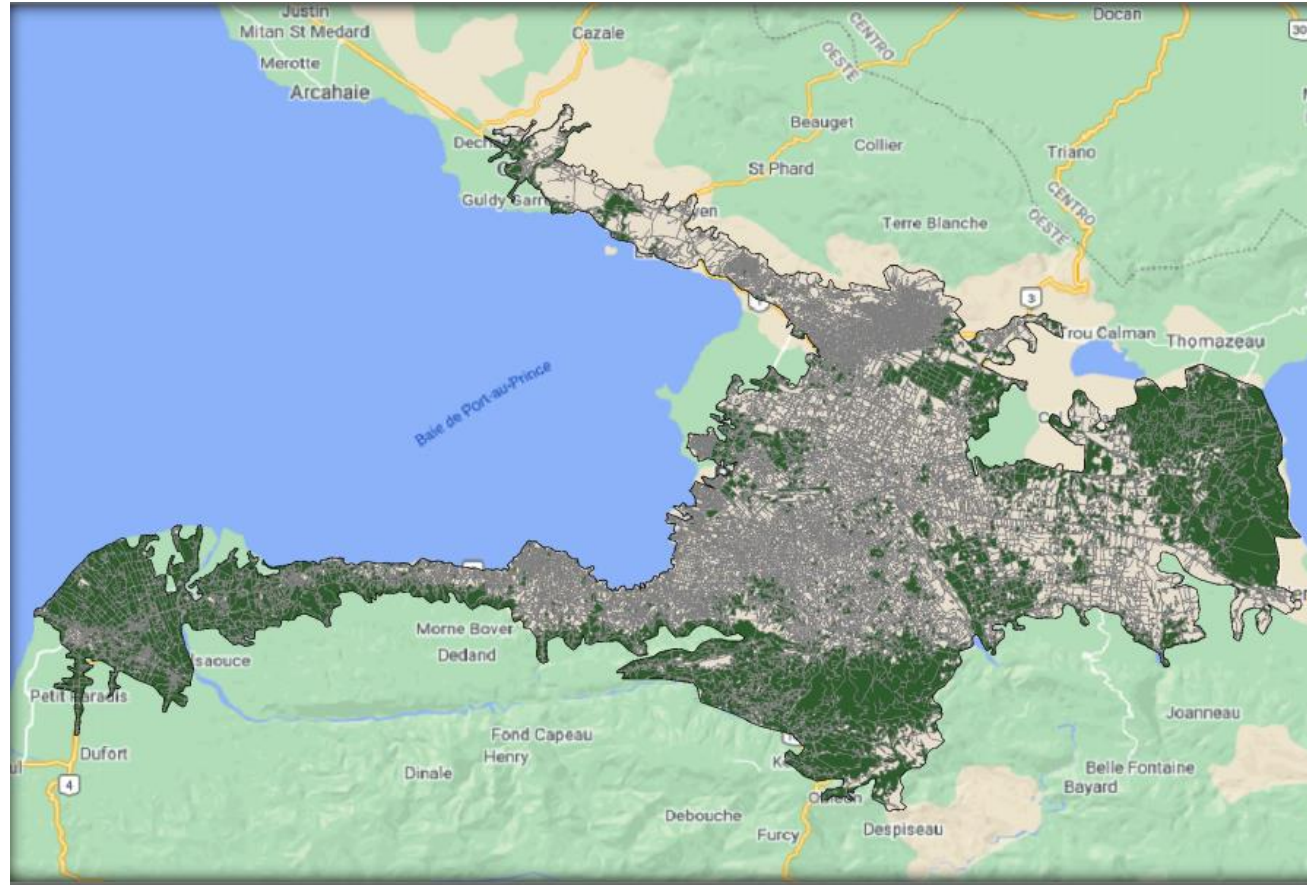


Kingston, 2020



Port of Spain, 2020

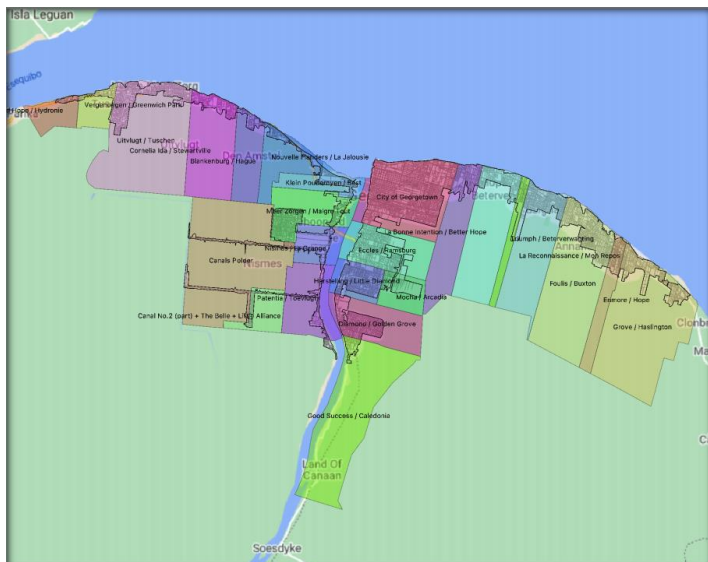
Building-free areas within the urban area



Port-au-Prince, 2020

Geospatial tools for measuring urban sprawl

Governance



Metropolitan Area
Municipalities

Physical attributes



Urban area

Strategic development



Building-free areas
within the urban area

Georgetown, 2020