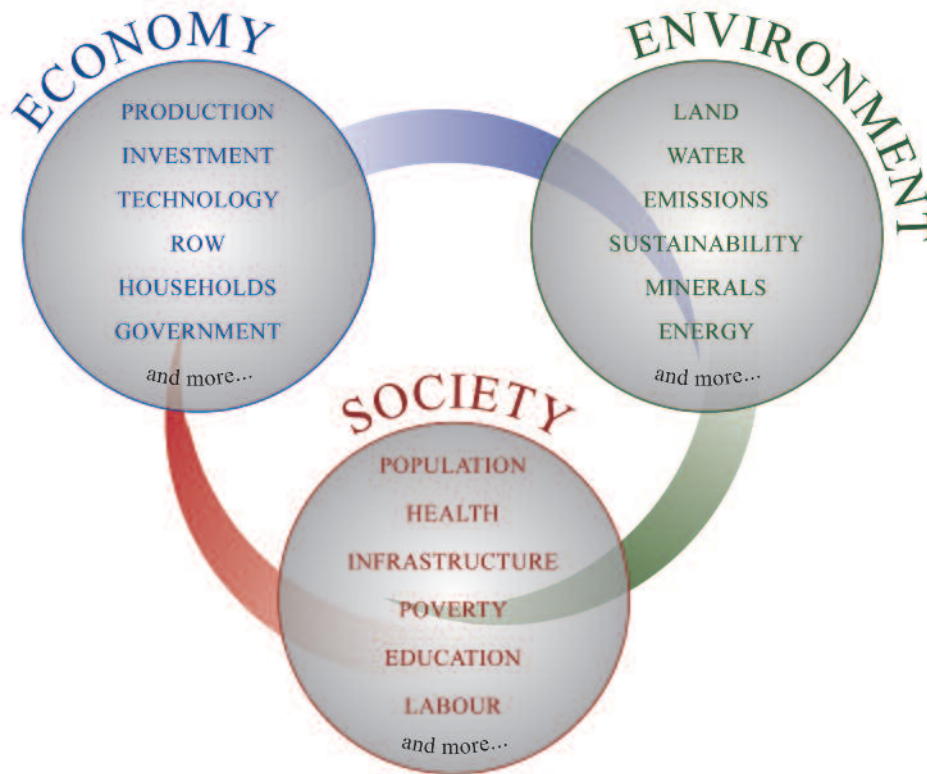


APPENDIX 3

T21 JAMAICA: AN INTEGRATED DEVELOPMENT PLANNING MODEL



What is Threshold 21 (T21)?

- A computer simulation tool based on systems dynamics methodology
- Result of decades of research and application

What is the purpose of T21?

- To support comprehensive, integrated, long-term national development planning

Features of T21

- Comprehensive - Economic, Social and Environmental factors modelled
- Integrated - Illustrates the links

between the economy, society and environment

- Transparent
- Equations and assumptions are easily accessible
- Variables that influence an outcome can be easily identified
- Collaborative - Facilitates participation and consultation
- Forward-looking - Projects economic, social and environment indicators
- Identifies possible opportunities and threats
- Customizable - Includes modules unique to Jamaica

What Can T2I Do?

- Contribute to the national planning process
- Facilitate stakeholder consultations
- Inform strategy documents that address sectoral interests
- Produce data and analyses for international negotiations
- Evaluate social intervention strategies
- Monitor progress towards national goals

Capacity Building and Institutional Strengthening

- All PIOJ technical staff trained in use of T2I model
- PIOJ core team trained in customizing model for Jamaica
- Staff in a number of ministries and

agencies trained in use of T2I model

- PIOJ core team have the capacity to train public sector staff and other stakeholders in use of the run-only version and research components of T2I model

Vision 2030 Jamaica and T2I

- T2I provided scenarios on strategic options for the National Development Plan
- T2I helped to validate selection of priority outcomes for the Medium-Term Socio-Economic Policy Framework
- T2I will help to model progress in Plan implementation and to guide Plan modifications

²⁵⁵ http://www.tbs-sct.gc.ca/rma/rbm-gar_e.asp