Moja global Strategic Plan 2021

The four layers of the strategic plan are based on the Balanced Scorecard for non-profit organisations. The four layers should be read as building blocks where the last layer (Financial Resources) is the foundation on which the next layer, “moja global Organisation”, is built. The “moja global software” layer is building on the “moja global organisation” and finally the software layer helps to achieve the results layer which corresponds to the objectives of the organisation, i.e. widest possible use of and collaboration on open source software to better manage the land sector. The results have a positive outcome on all 3 other layers again which will result in a virtuous cycle of ever improving results.

Theme for end of 2021: The year of usability	
Results	
new users ((sub-)national gov., organisations, or companies) ● 10 IUCN governments ● 5 EU LIFE governments ● 5 additional governments ● 3 companies / project developers ● 3 non-profits / verification agencies	See this document
3 **new** pilots running	Same doc as above
1 low or middle income country uses FLINT as official AFOLU MRV	Chile? Kenya?
1 low or middle income country leading module development	Colombia
2 strategy board members from user countries	Canada / Chile
2 other strategy board members	IUCN / SGGW
Technical development goals **Link: same list with colours!**	**With funding / support from:**
Demonstrate link between FLINT and FMT projections	??
Develop a risk-based deforestation algorithm to predict potential loss of forest cover due to human encroachment	Linux Foundation
Demonstration of nesting (i.e. projects within regional inventories)	??
Design a coherent user experience (UX) across the different moja global software projects	GSoC
Development of a browser-based user interface to initialise FLINT runs	GSoC

Design and document a cloud deployment framework for remote/distributed FLINT implementations	Linux Foundation
Add benchmarking capabilities to profile FLINT runs and identify performance bottlenecks	GSoC
Publish sequence diagrams for the FLINT architecture and control flow	GSoD
Develop a ‘best-practices’ guide for optimising FLINT implementations (lessons learned from maintainers)	??
Develop a decision tree to help new users understand their goals and requirements when choosing/designing a FLINT implementation	??
Create a module repository describing the available FLINT modules, with links to module code and validation.	GSoC
Re-factoring core library for clarity and consistency	??
Improve debugging, particularly standardising exception codes and returning module type and line numbers	??
Transitioning to compressible spatial data structures	??
Design a framework for non-independent (contagious) processes such as the spread of fire or disease	??
Design a framework for adaptive sampling to increase efficiency, starting coarse then increasing resolution of most informative pixels until accuracy thresholds are met	??
Profile the performance of SimpleOperationManager and explore alternatives	??
Add attribute tables for non-numeric spatial outputs	??
Demonstrate the ability to change coordinate reference system (currently hard-coded) and evaluate impacts on work chunking	??
Publish comparison of FLINT against GFOI requirements/benchmarks for new contributors to better understand the intended use-case	??
Publish reporting templates for automated post-processing of FLINT results	??
Investigate solutions to map accuracy assessment (aka Boston bias problem) and develop a guide/workflow for users	??

Develop a 'what-if' scenario tool to configure and compare models and support decision making by policy makers Work on any of the following Modules would be considered a bonus: ● Wooded grasslands Module ● Dead Organic Matter Module (litter, deadwood) ● Grasslands Module ● Annual/Perennial Crop Modules ● Fire Module (incl savanna burning) ● Manure Management Module ● Supply Chain Concept ● Blue carbon (tidal restoration, sea grass, allochthonous inputs) ● Mangroves	??
Capabilities of moja global Organisation	
Support Systems: ● Develop cost-benefit analysis of using FLINT ● Expand and utilize network of policy / decision-makers Communications: ● Develop brand document ● Identify target audiences ● Identify key selling points / value proposition ● Develop marketing strategy ● Implementation of the comms plan ● Sustainability of the comms Internal Operations: ● Add 2 Co-Directors (for a total of 5) ● Raise funds for full-time administrators or assistant directors ● Set up and mobilize the Advisory Board ● Develop contracting modality between traditional donors and the Linux Foundation / explore alternative umbrellas	
Financial Resources	
Proposals to be developed ● Canada EMO (year 3 *and 4*+) ● UNFCCC ● IUCN joint proposal ● DIAL ● Submit 8 additional proposals (in collaboration with strategic partners) Proposals submitted / in progress ● Canada EMO (year 2 of 3)	

• EU LIFE (expected approval March, implement June) • UK PACT • USAID BAA-E3-Sustainable Landscapes-2020 Establish Strategic Partnerships • With 2 multilateral banks • With 3 bilateral donors • With 3 private entities • With 3 non-profit entities (e.g. Oeko, Ecotrust Canada, etc.)	