

# LIFELINES

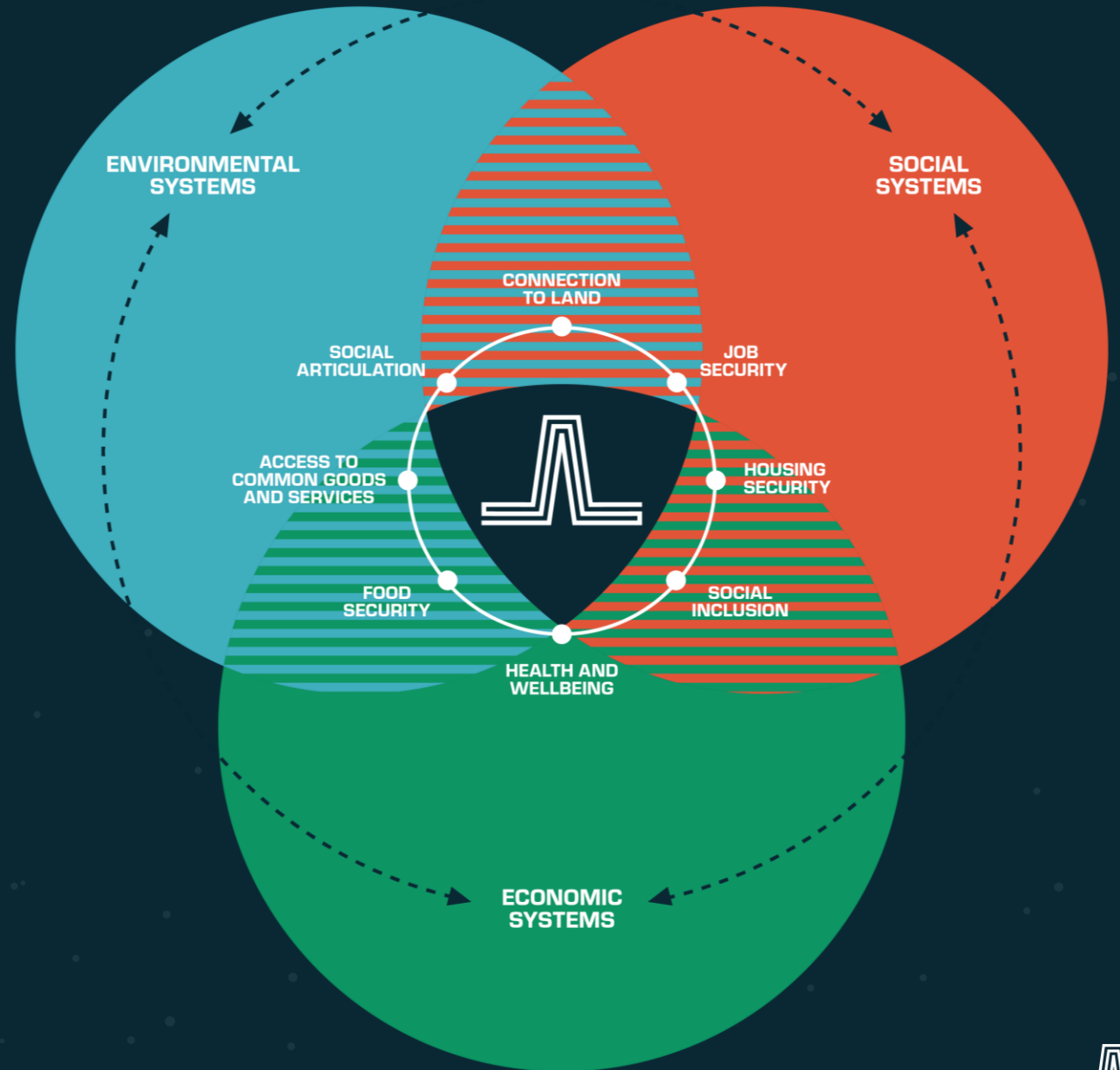
a community of the future



# How are humanitarians using satellite data?

- Damage and needs assessments
- Population mapping
- Population migration
- Refugee camp mapping
- Access to local food
- Access to health services
- Risk exposure to hazards
- Predicting disease outbreaks
- Urban heat resilience
- Planning evacuation routes
- Prosecuting human rights abuses
- Access to clean water and air
- Coastal resource mapping
- Shelter planning

**And many more use cases**





Targeting digital cash assistance and accelerating responses using climate and multidimensional risk data.



Tracking the environmental and human rights impacts of fossil fuel extraction in real time.



Mapping urban expansion, disaster-prone areas, and vegetation dynamics with unprecedented granularity in the tropics



Improved site selection to reduce walk times and improve service distribution.



Monitoring infrastructure projects globally and determining site suitability for urban and water resources.



Assessing viability of identifying human activity in high-resolution thermal imagery to inform human rights investigations.





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Dogleg Strait, Papua New Guinea

Image: © Vantor



There is still significant  
unrealized potential for  
satellite data to help  
humanitarians save lives  
and reduce human  
suffering.



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