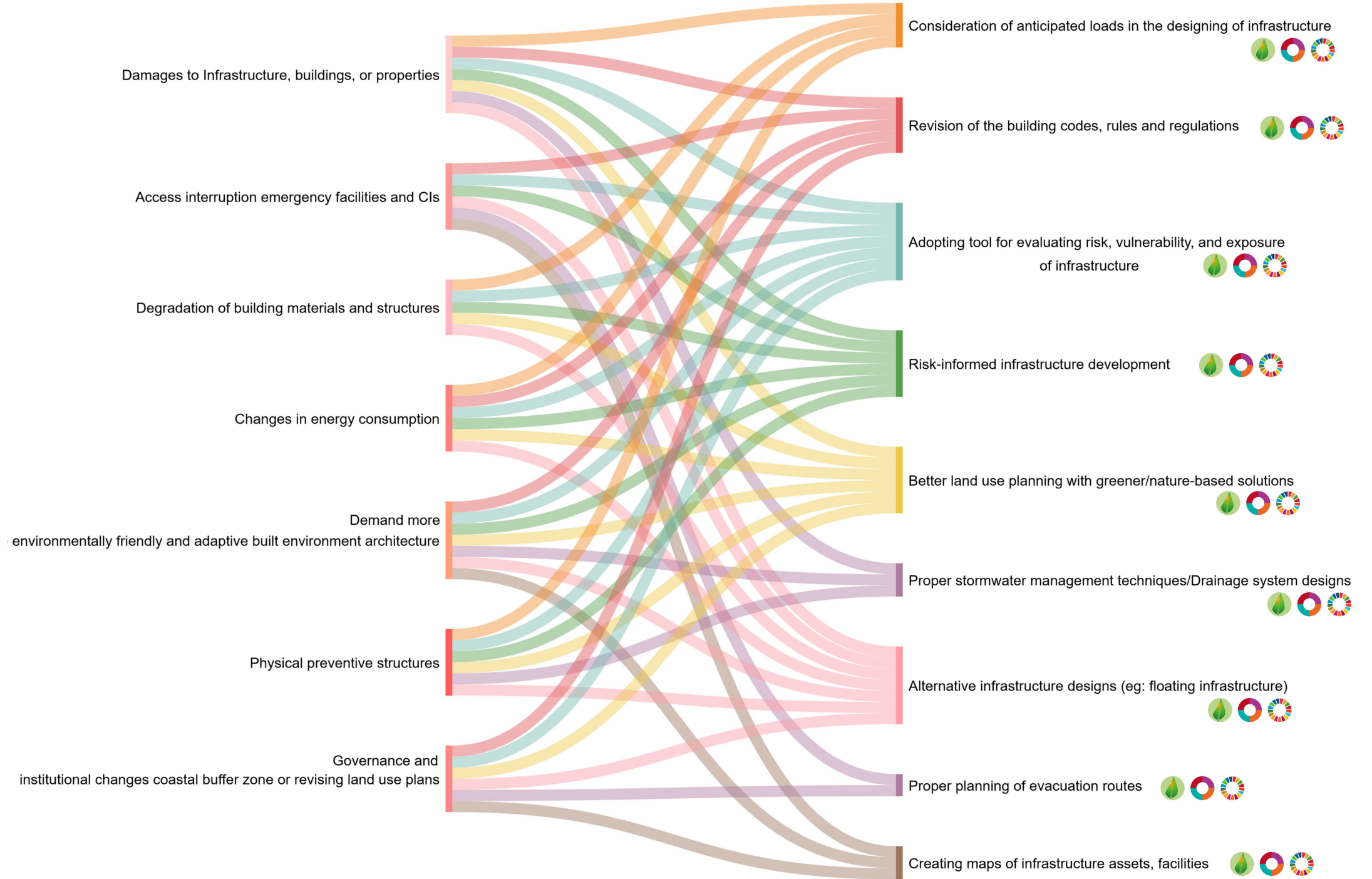
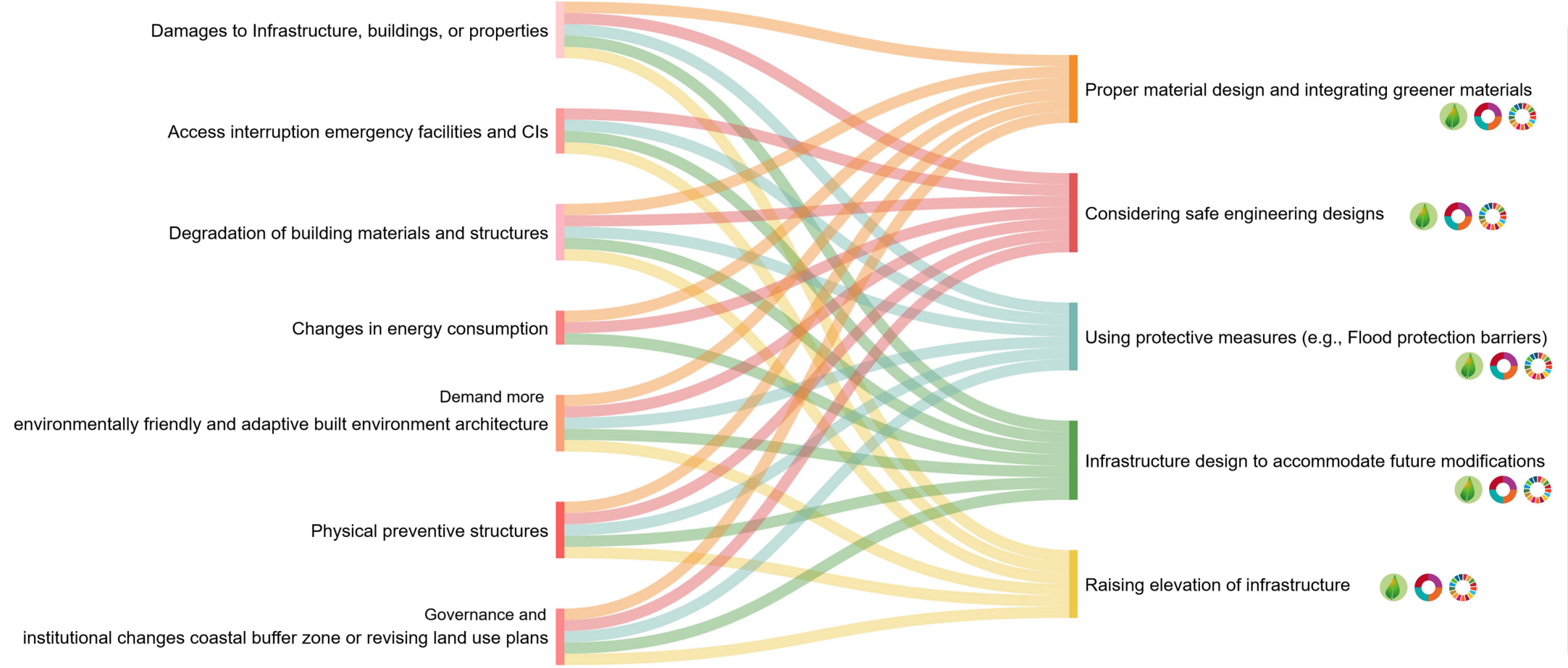


Physical Impacts of Climate Change



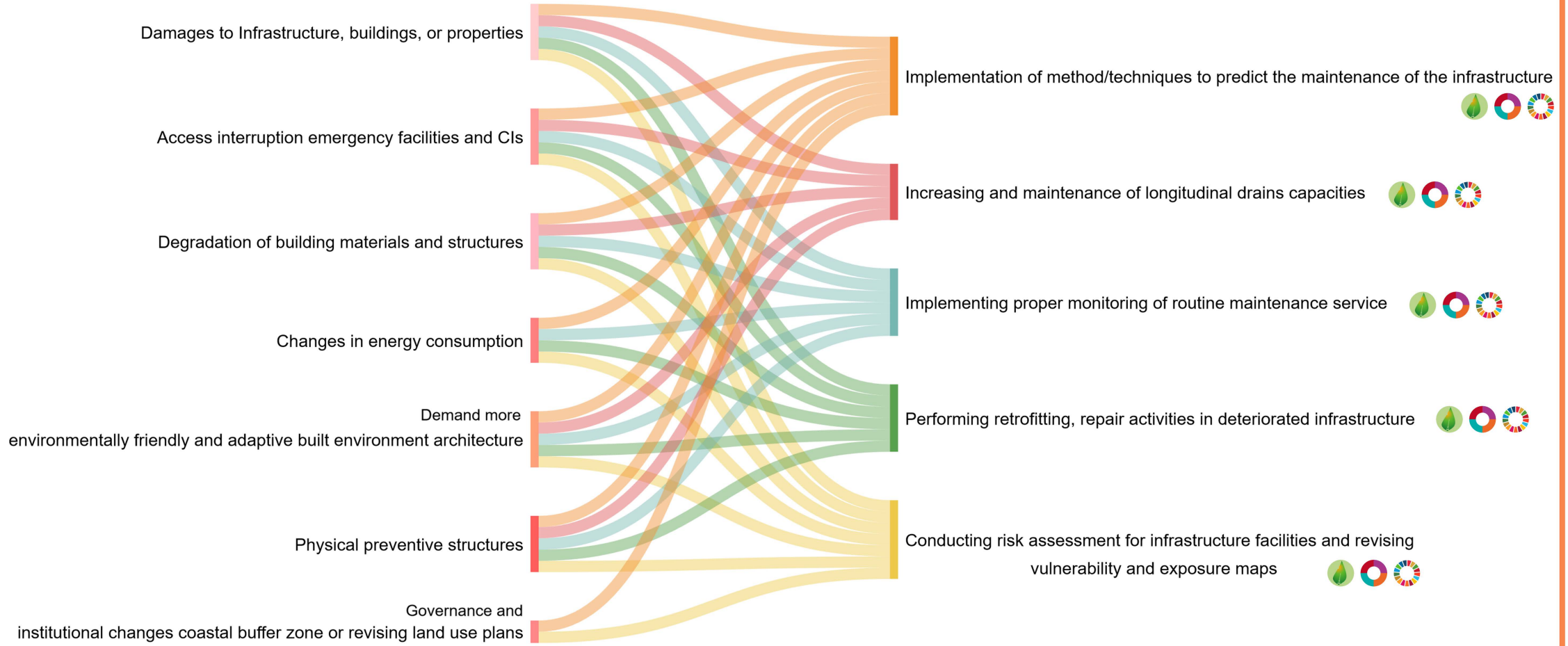
Adaptation Measures for Physical Assets - Design and Planning Stage

Physical Impacts of Climate Change



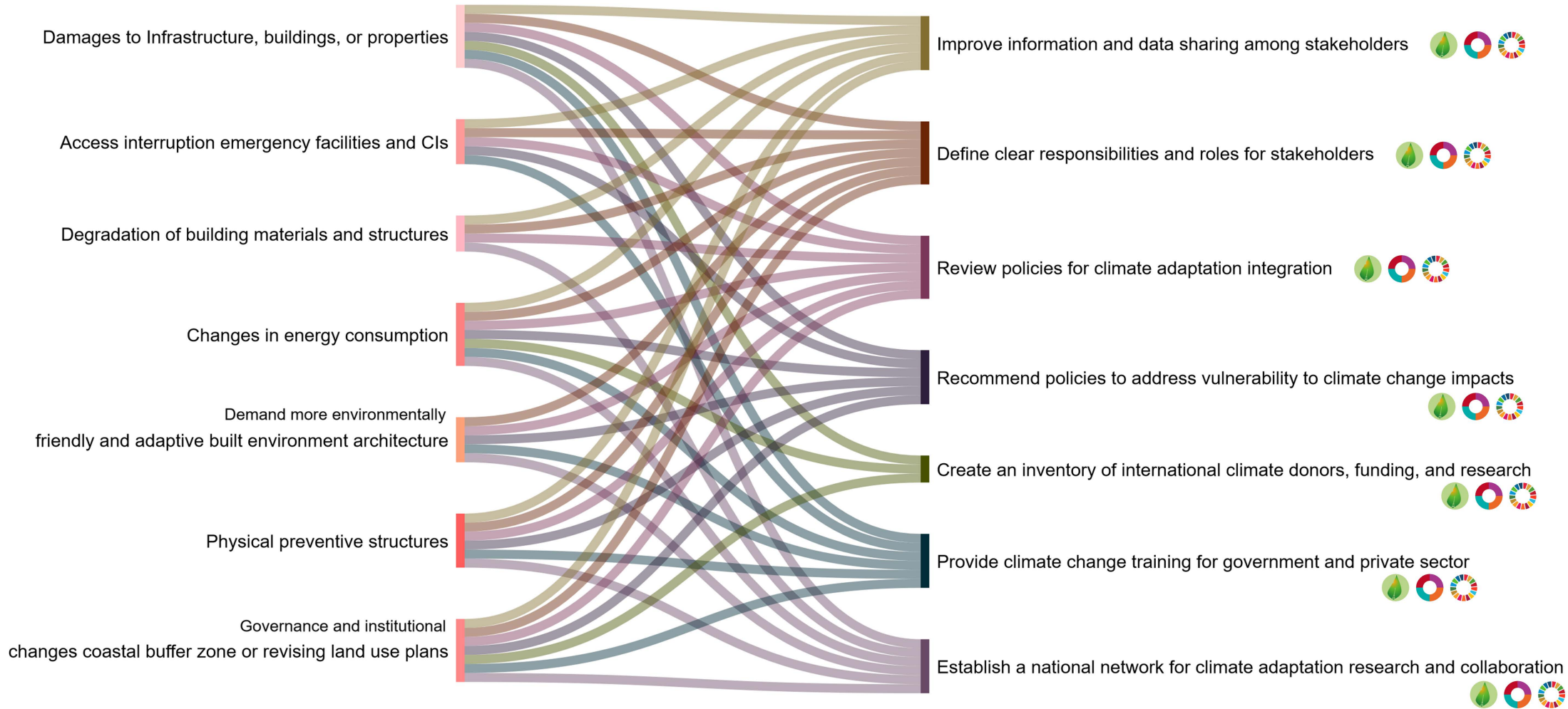
Adaptation Measures for Physical Assets - Construction Stage

Physical Impacts of Climate Change



Adaptation Measures for Physical Assets - Maintenance and Retrofitting Stage

Physical Impacts of Climate Change



Governance and Institutional Measures

Economic Impacts of Climate Change

Losses due to damages in the coastal infrastructure

Loss of employment

Impact on planning economic development

Cost of adaptation and reconstruction

Loss of coastal income and economic depression

Impact on marine based industries

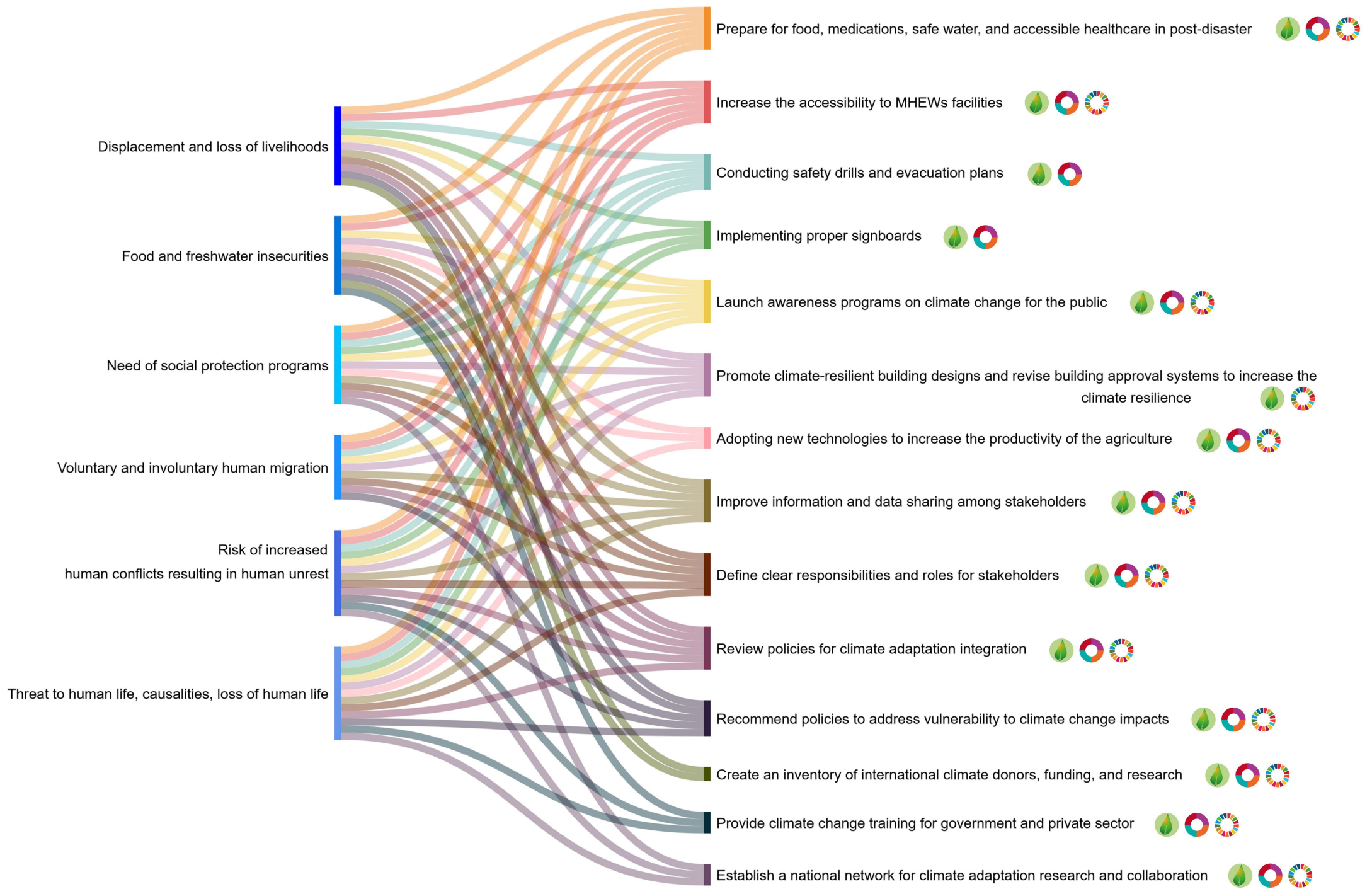
Depletion of resources

- Introduce innovative risk transfer instruments
- Promote climate-proof infrastructure design practices
- Develop guidelines for economic activities in vulnerable areas
- Identify adaptation actions suitable for respective industries
- Increase the awareness of industrial operators on climate change and its impacts
- Increasing infrastructure protection measures
- Improve information and data sharing among stakeholders
- Define clear responsibilities and roles for stakeholders
- Review policies for climate adaptation integration
- Recommend policies to address vulnerability to climate change impacts
- Provide climate change training for government and private sector
- Establish a national network for climate adaptation research and collaboration
- Create an inventory of international climate donors, funding, and research

Adaptation Measures for Economic Assets

Governance and Institutional Measures

Social Impacts of Climate Change



Adaptation Measures for Social Assets

Governance and Institutional Measures

Environmental Impacts of Climate Change

Damaques to ecosystems, salt marshes, mangrove forests, Seagrass beds etc

Decreased productivity, diversity, and resilience of nearshore marine ecosystem

Impact on water quality

Impact on biodiversity

Environmental pollution

Environmental restoration after a disaster

Research climate change impacts on ecosystems and biodiversity



Monitor climate change impacts on key natural ecosystems and biodiversity



Implement adaptive management programs for climate-sensitive ecosystems



Develop recovery plans for threatened ecosystems and species



Enhance research capacity on climate change impacts on ecosystems and biodiversity



Improve land use planning with nature-based solutions



Improve information and data sharing among stakeholders



Define clear responsibilities and roles for stakeholders



Review policies for climate adaptation integration



Recommend policies to address vulnerability to climate change impacts



Create an inventory of international climate donors, funding, and research



Establish a national network for climate adaptation research and collaboration



Provide climate change training for government and private sector



Adaptation Measures for Environmental Assets

Governance and Institutional Measures