

Energy Transition Priorities

Prioritize investment, planning, design, and policy strategies that reduce *both* emissions & oil dependence.

Peak Oil Priorities

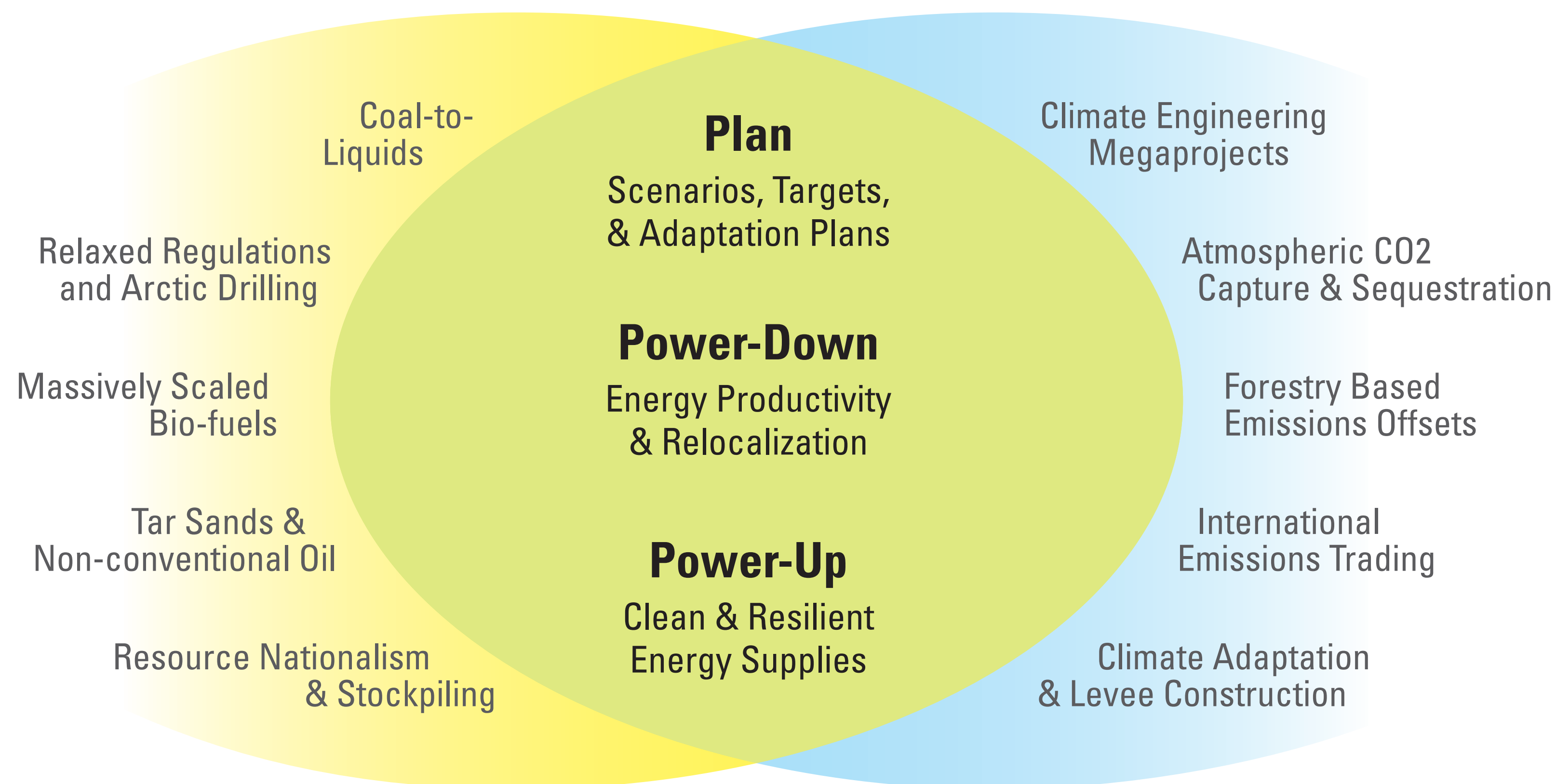
Targeting economic stability

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Climate Change Priorities

Targeting climate stability

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"An oil peak could...precipitate the worst economic depression the world has ever known.

...the measures I propose [in this book]... we should be pursuing even if climate change were not happening, in order to delay the peaking of world oil supplies and to reduce the economic impact when it happens.

When the oil peak is taken into account... judicious spending on climate change is at least as likely to prevent a recession as to cause one."

George Monbiot
Heat p.57

From Global to Local



What will be your city's contribution to global emissions reductions?

Energy Transition Strategies

Actions to reduce *both* emissions & oil dependence.

| | Plan | Power-Down | Power-Up |
|---|--|--|--|
| Scenarios | Targets | Adaptation | Energy Productivity |
| Future(s) Thinking: Create a forum for discussing plausible future scenarios | Audits: Survey current emissions and vulnerabilities | Near Term: Create shock response & rationing plans | Resource Sharing: Plan alternative uses for existing buildings & products |
| Scenario based planning: Create demand & cost scenarios for all infrastructure projects | From global to local: Set hard targets for reducing emissions & oil dependence | Longer Term: Integrate climate adaptation into all planning efforts | Improve Existing: Create programs for improving the performance of existing buildings & products |
| Risk Analysis: Quantify scenario based risks and probabilities | Policy Roadmaps: Create change pathways with interim targets and milestones | Sharing & Contributing: Publish best practices & support int'l protocols | Improve New: Ramp-up performance standards for new constructions & products |
| | | | Relocalization |
| | | | Pilot Projects: Foster projects that relocalize knowledge, production, and land use |
| | | | Purchasing & Planning: Integrate relocalization into purchasing strategies |
| | | | Triage / Scaling Up: Create strategies for mass conversion of land & infrastructure to local uses |
| | | | Clean Energy |
| | | | Initiate dialogues on energy tradeoffs: Demand, Biofuel, LNG, Nuclear, Wind... |
| | | | Renewables: Scale up centralized & decentralized power |
| | | | Fossil Fuels: Ramp-up carbon capture for both existing & new |
| | | | Resilient Energy |
| | | | Transport Electrification: Scale up non-liquid-fuel transport systems |
| | | | Smarter Grid: Scale up dynamic demand management |
| | | | Buffers for Key Systems: Create energy backups & systems designed for passive survivability |