

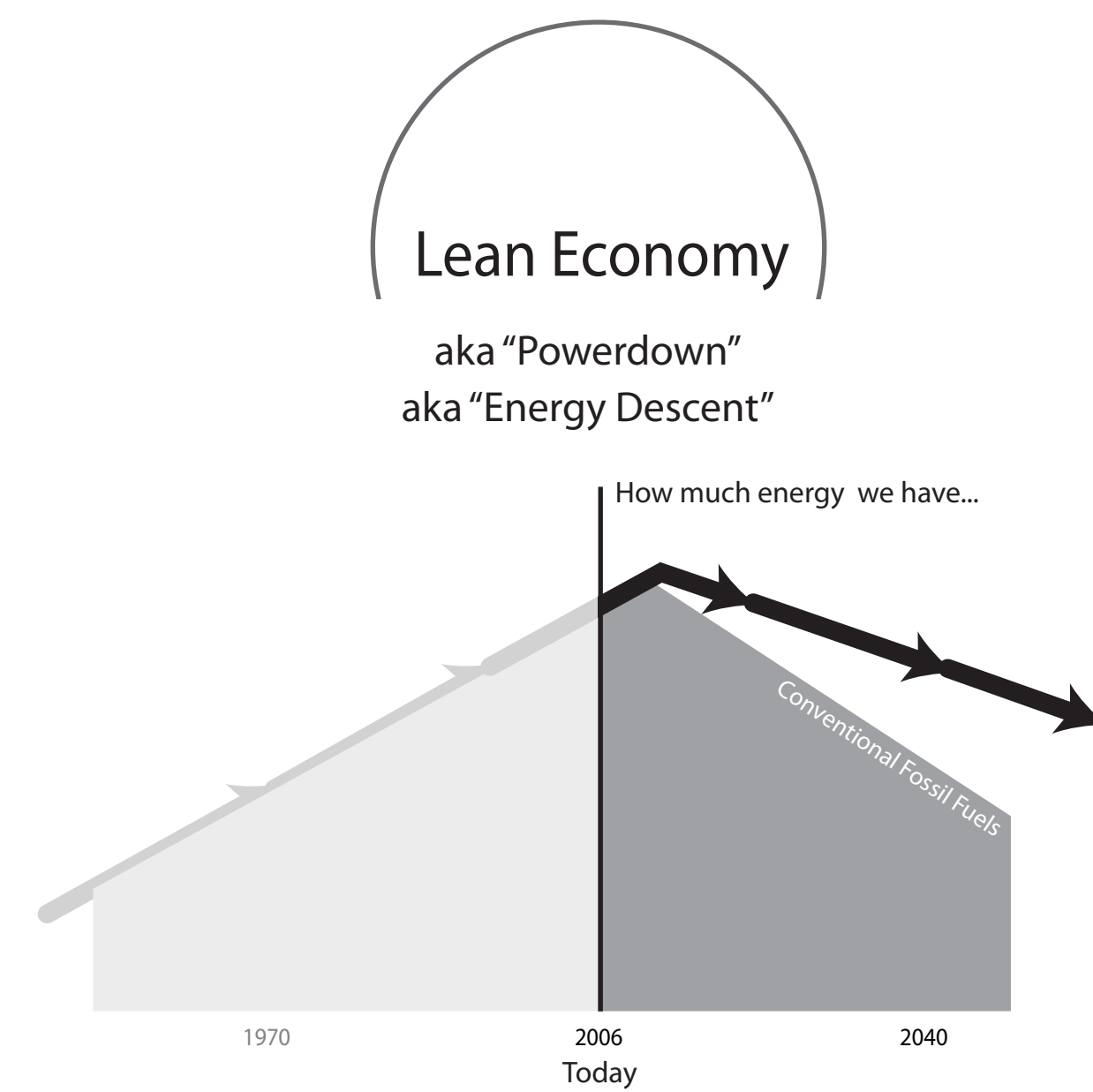
Example Scenario:

Conventional oil/gas peaks around 2010 and depletes surprisingly fast.

Governments enact their rapid-conservation plans drafted in '06.

Political and religious groups come together to support international cooperation and help to avert armed conflict and the wide-spread use of dirty fuels.

The global economy transitions (with the help of a few price and supply shocks) from a global-centric to a regional and local-centric model.



Example Scenario:

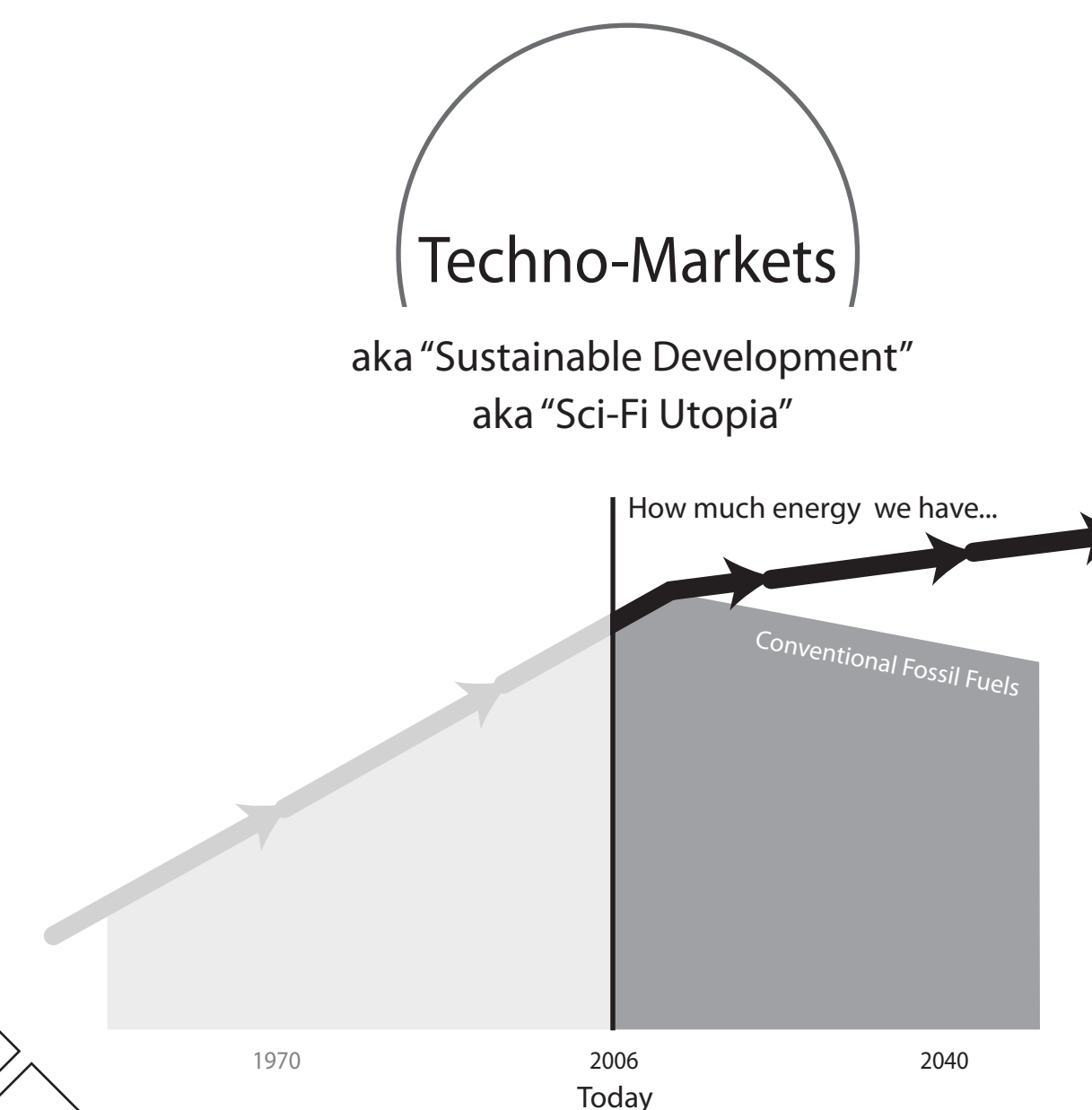
Conventional oil peaks before 2010 but the depletion rate is buffered by non-conventional sources and rising prices.

Governments reform tax laws around energy and the environment.

Carbon sequestration allows for the clean use of fossil fuels.

The 'Green' sector shows tremendous growth, while older industries decay.

Developing third-world economies 'leap-frog' to sustainable economies.



Example Scenario:

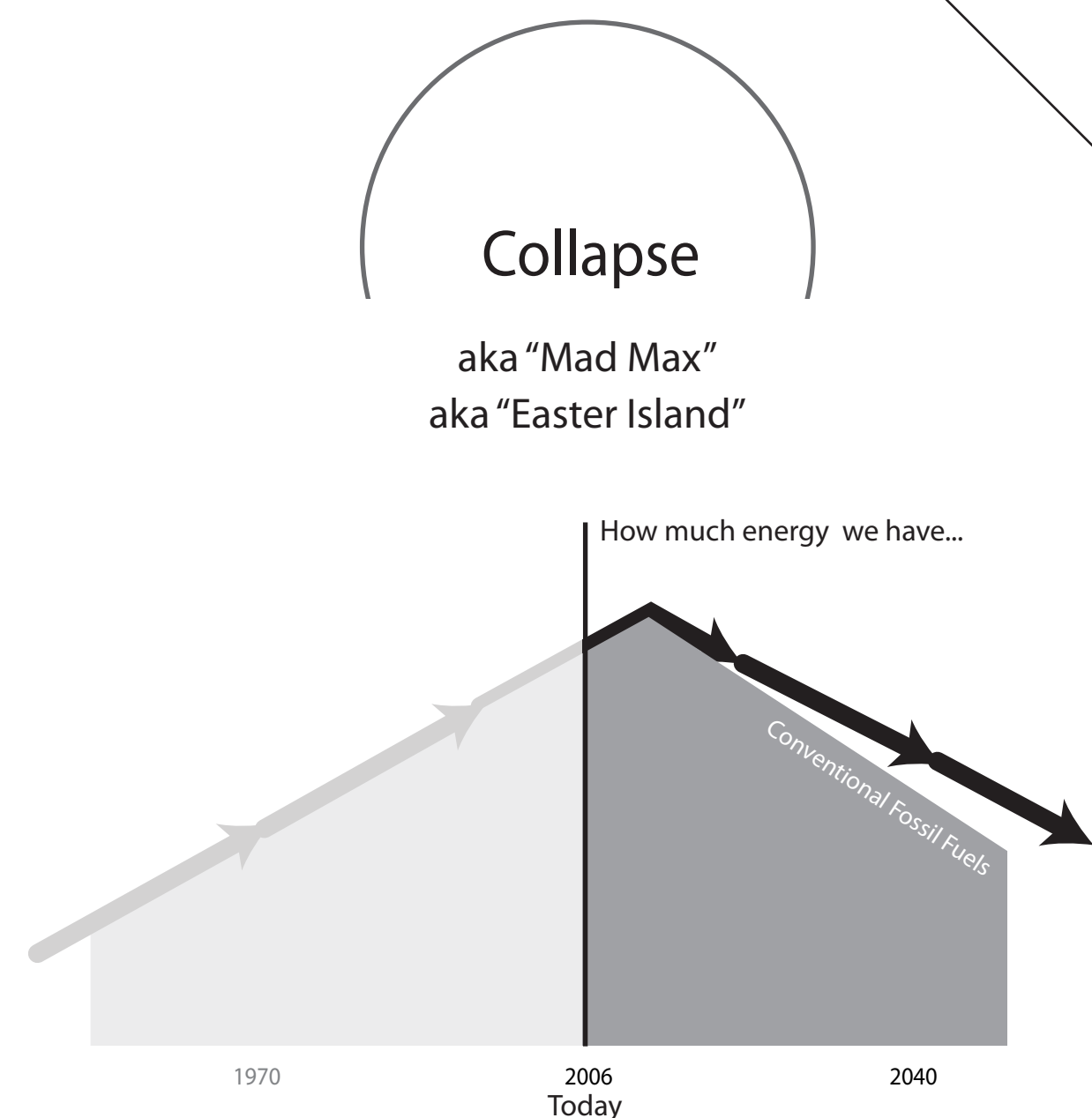
Conventional oil peaks before 2010 and depletes rapidly; faster than substitutes and new sources from tar sands, coal and oil shale can be scaled up.

Declining global fuel supplies lead to negative growth. Investors lose faith in stock markets and currencies collapse. High prices and shortages cause 'demand destruction' but the base level of demand is too inelastic to contract voluntarily at the rate of depletion.

Natural gas peaks and declines rapidly in many regions (including North America) as LNG growth fails to offset depletion.

Nations battle for resources abroad and fight unrest at home. Unemployment soars, global travel and the globalized economy collapse.

Health and food crises are rampant. Populations contract from lower birth rates and lower life expectancies.



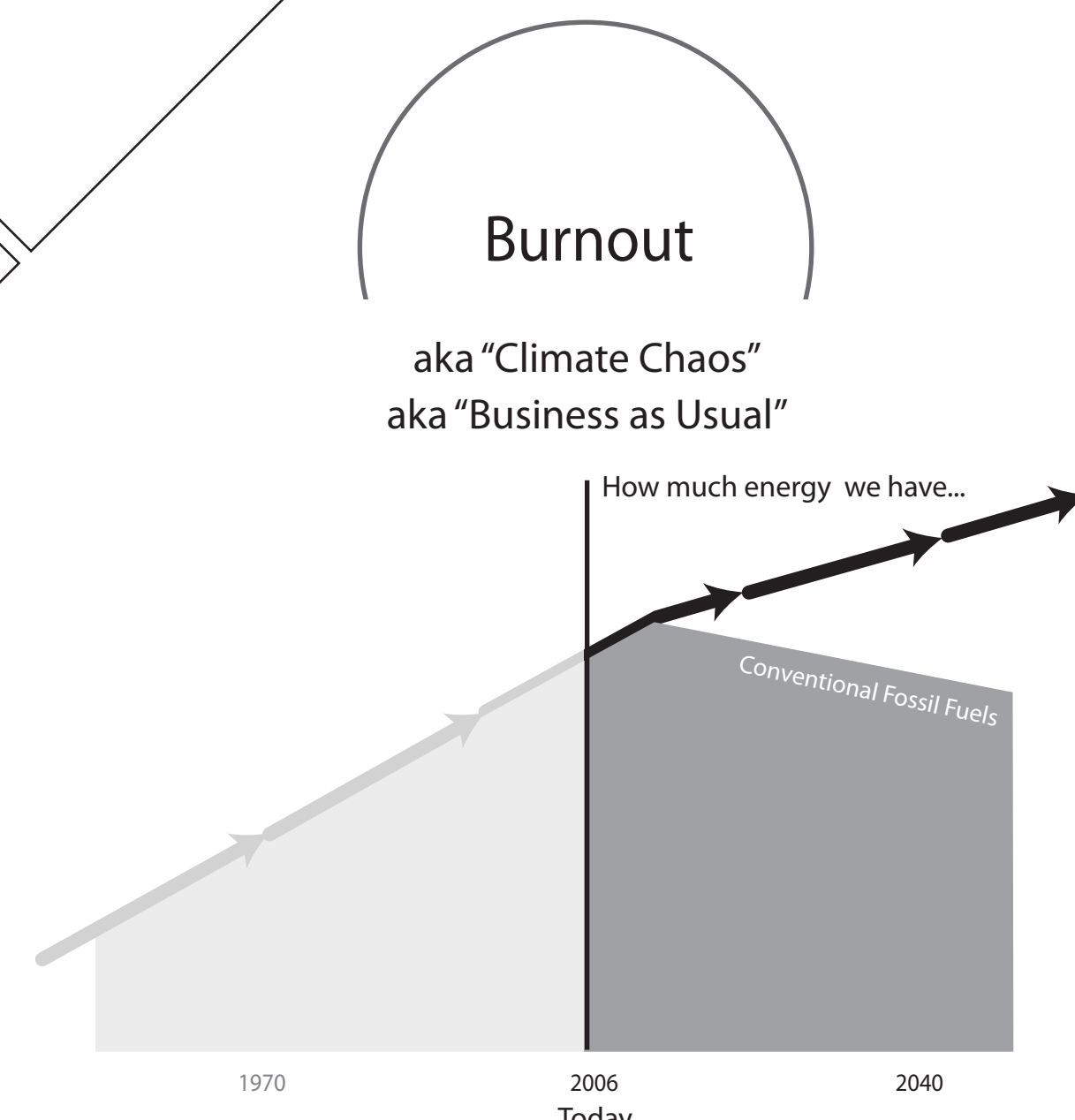
Example Scenario:

Non-conventional fossil fuels offset depletion masking any overall 'peak'.

The price of oil hovers above \$70/bbl for several decades and drives a transition to coal, nuclear, and unsustainably sourced biomass.

CO2 emissions skyrocket, while habitats, farmland, and forests are decimated in a rush for wood and biomass.

Super storms, rising sea levels, and desertification cause massive refugee and health crises.



Our Future(s)

Four Scenarios for the Coming Energy Transition

Proactive Response
Government, Society, Technology, Markets

Reactive Response
Markets, Technology, Society, Government

Rapid Depletion
(or early peaking)

Slow Depletion
(or later peaking)