

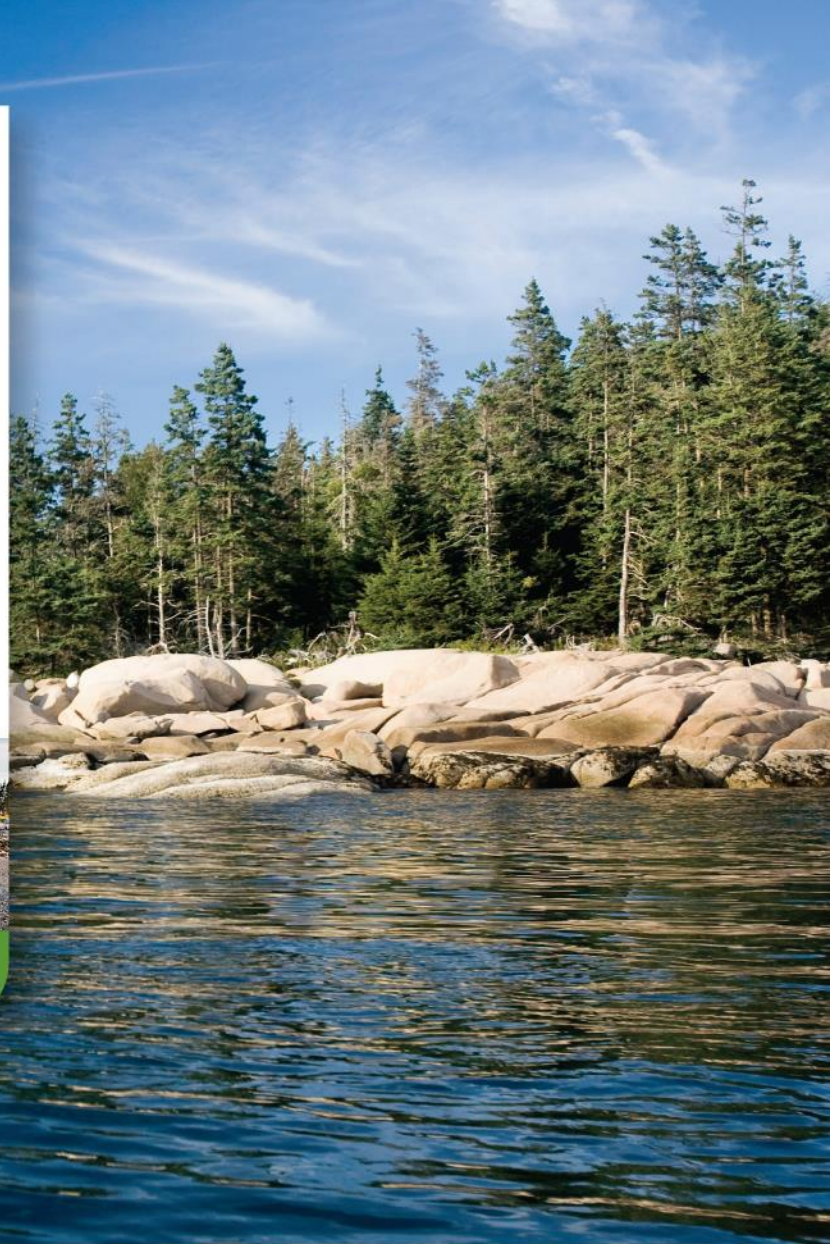
LAND TRUST ALLIANCE

Land and Climate Initiative

June 29, 2017, Wells, ME

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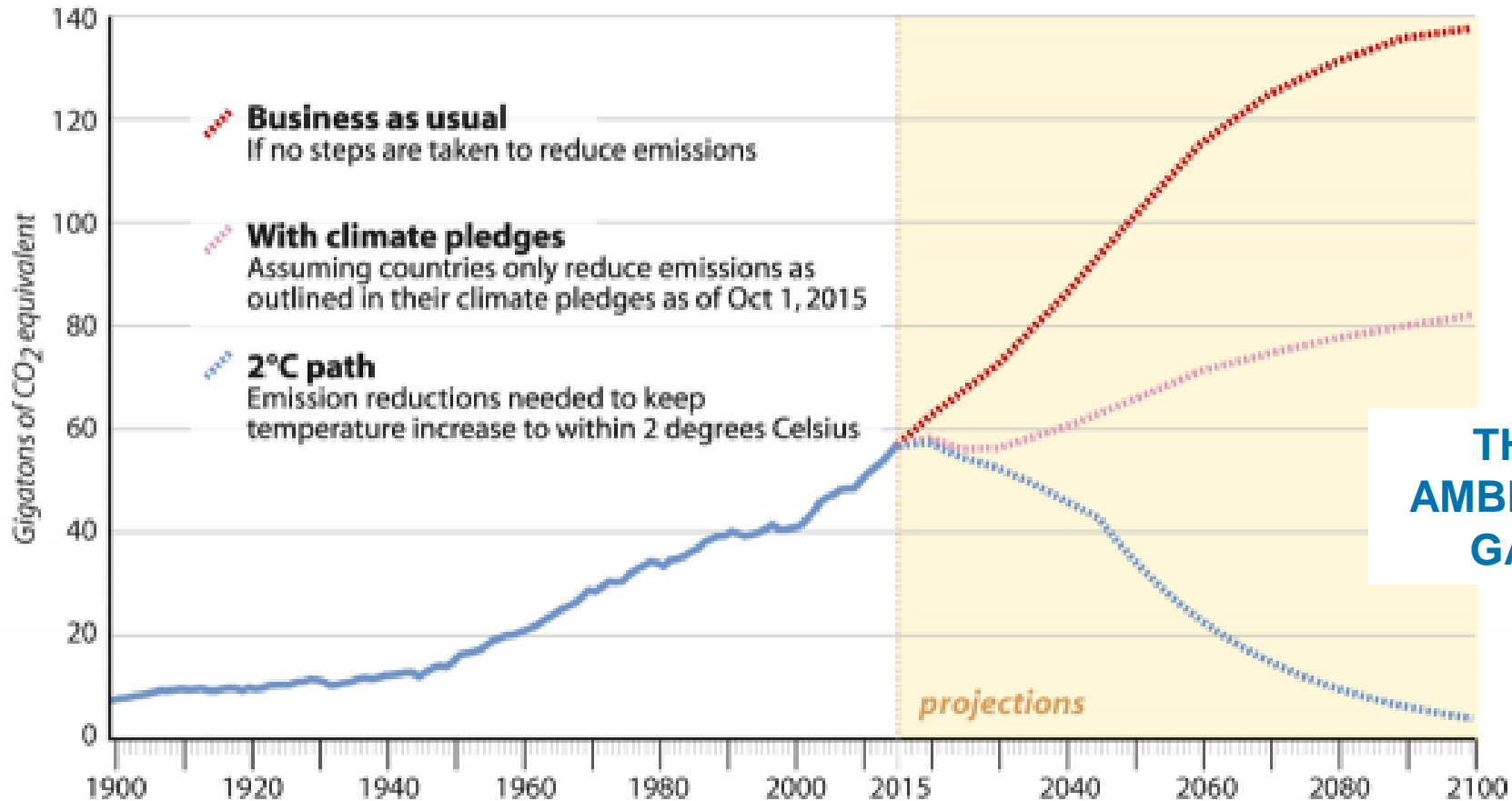
Inset images courtesy of accredited Maine Coast Heritage Trust.

Charting the Paris Climate Pledges

To stave off potentially cataclysmic effects of climate change, the world must keep global warming under 2 degrees Celsius. The climate pledges that countries have submitted so far would reduce emissions enough to hold warming to 3.5 degrees C.



GLOBAL GREENHOUSE GAS EMISSIONS*



*Chart includes emissions of all greenhouse gases, expressed in carbon dioxide equivalent

SOURCES: Climate Interactive

PAUL HORN / InsideClimate News



Land Trusts and Climate Change

Adaptation

- Strategic conservation planning
- New land management practices

Mitigation

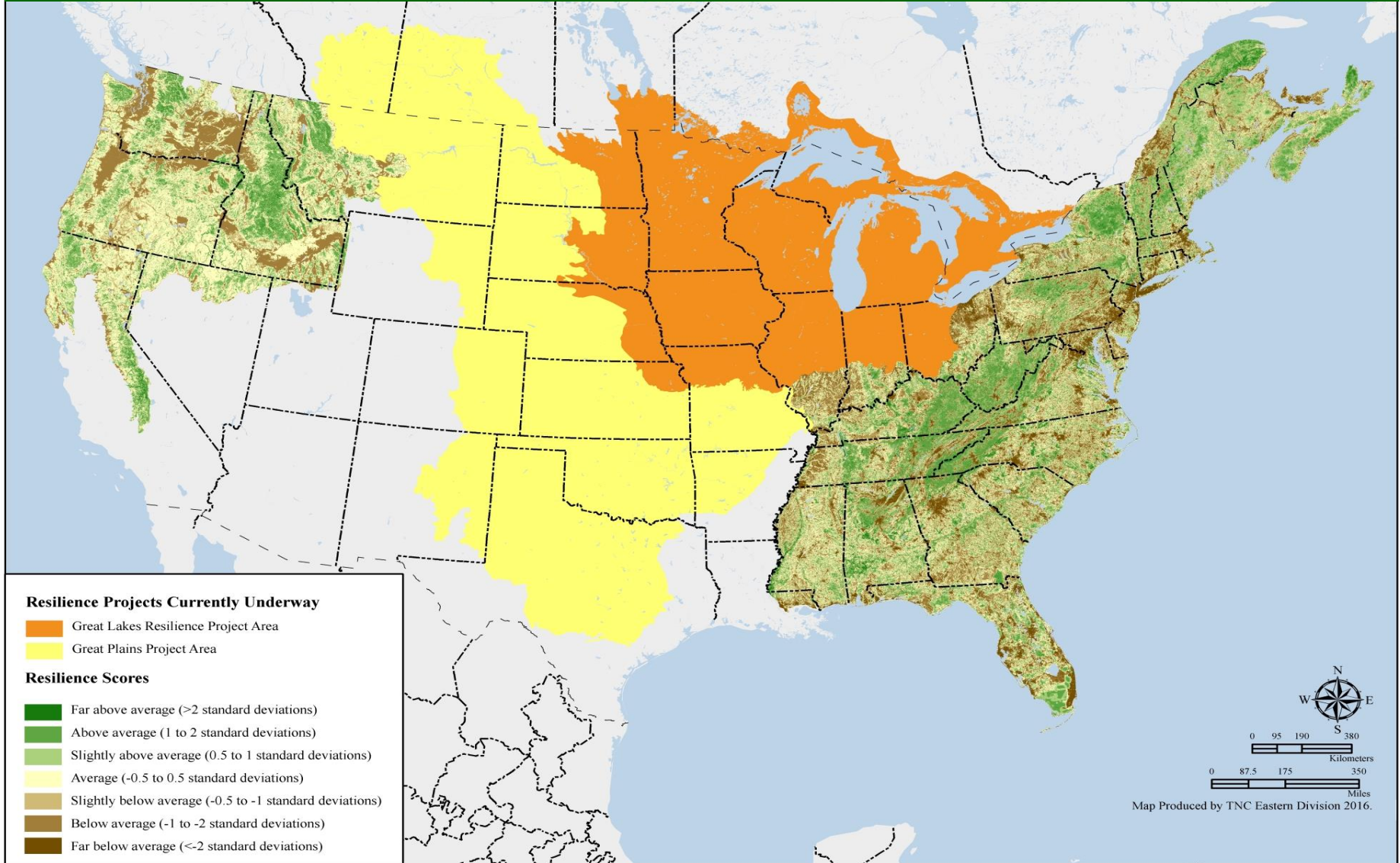
- Biosequestration of carbon
- Renewable energy siting



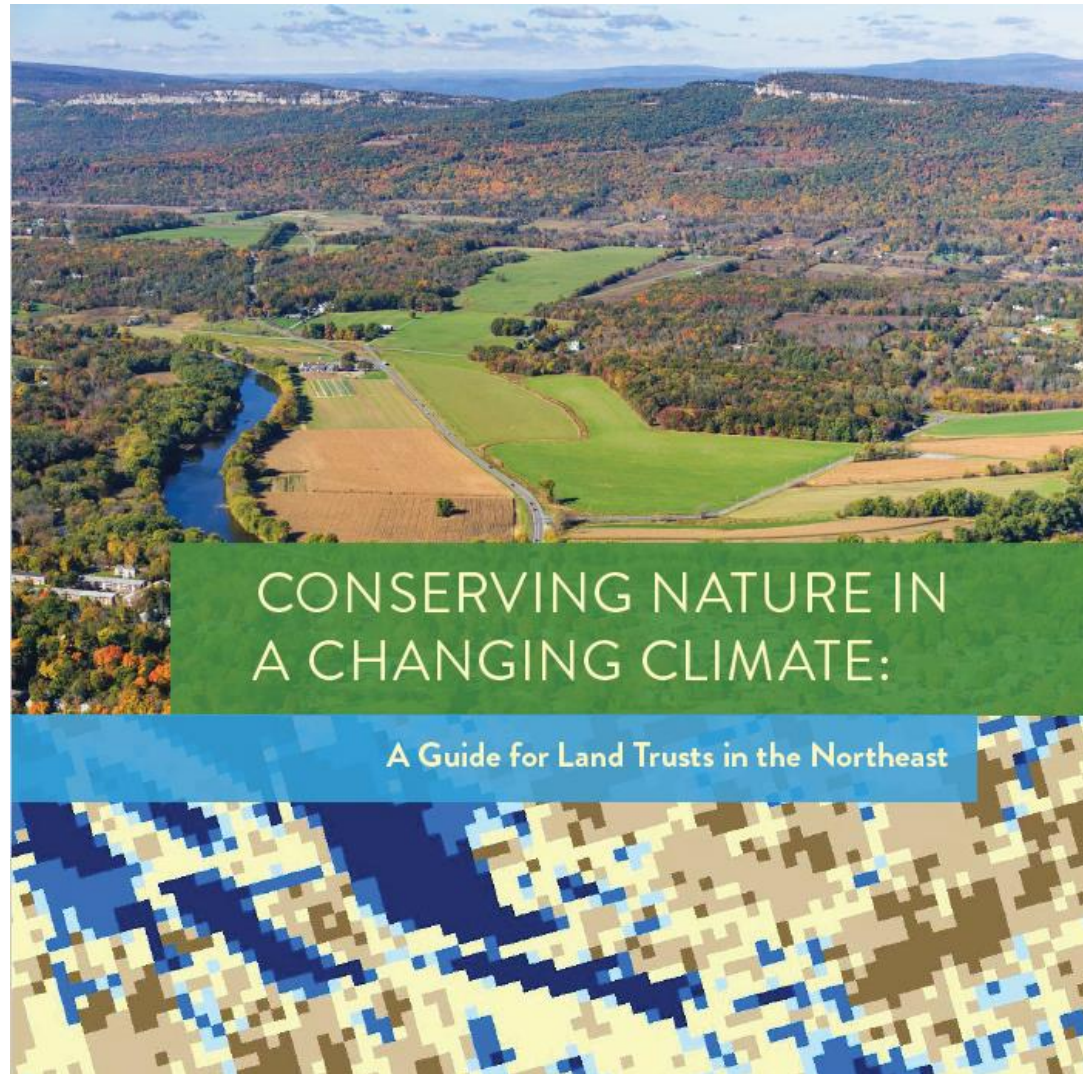
Land and Climate Initiative Goals

1. Increase the number of land trusts whose strategic conservation plans address climate impacts and promote climate resilience
2. Advance the use of land to mitigate climate change
3. Empower land trusts to encourage the buildout of renewable energy facilities while steering the facilities away from sensitive lands

DDCF / TNC Resilience Projects

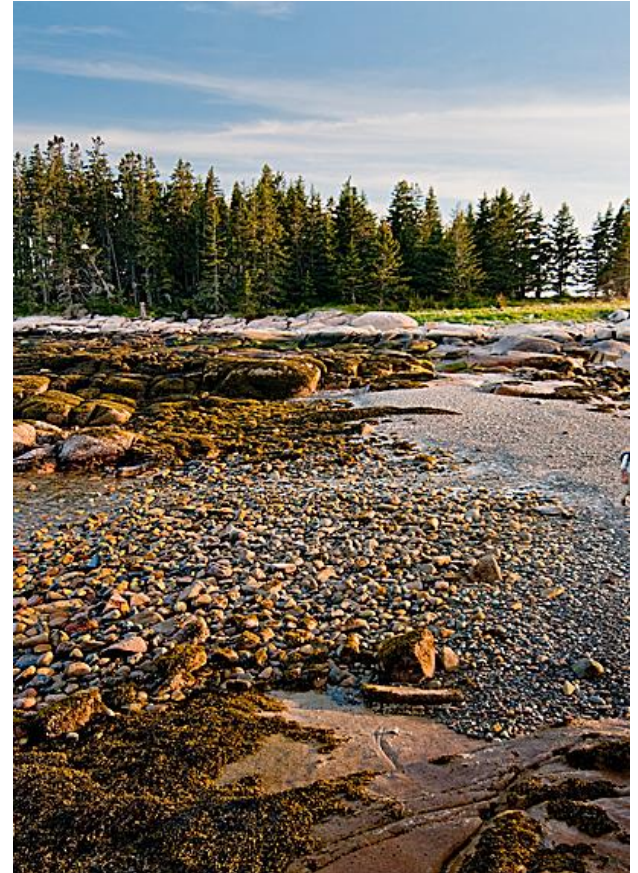


climatechange.ita.org/resilience-guide/



Goal 2: Advance the use of land to mitigate climate change

- Promote the concept of natural climate solutions (i.e., carbon absorption in plants and soils) within the land trust community
- Help land trusts participate in carbon markets and federal carbon-reduction programs
- Shape federal policies affecting private landowners ability to promote natural climate solutions



Courtesy of accredited Maine Coast Heritage Trust.

Goal 3: Empower land trusts to encourage the buildout of renewable energy facilities while steering facilities away from sensitive lands

- New York Pilot Project: shape state policies related to renewable energy siting
- Disseminate lessons learned to other state associations and land trusts

