

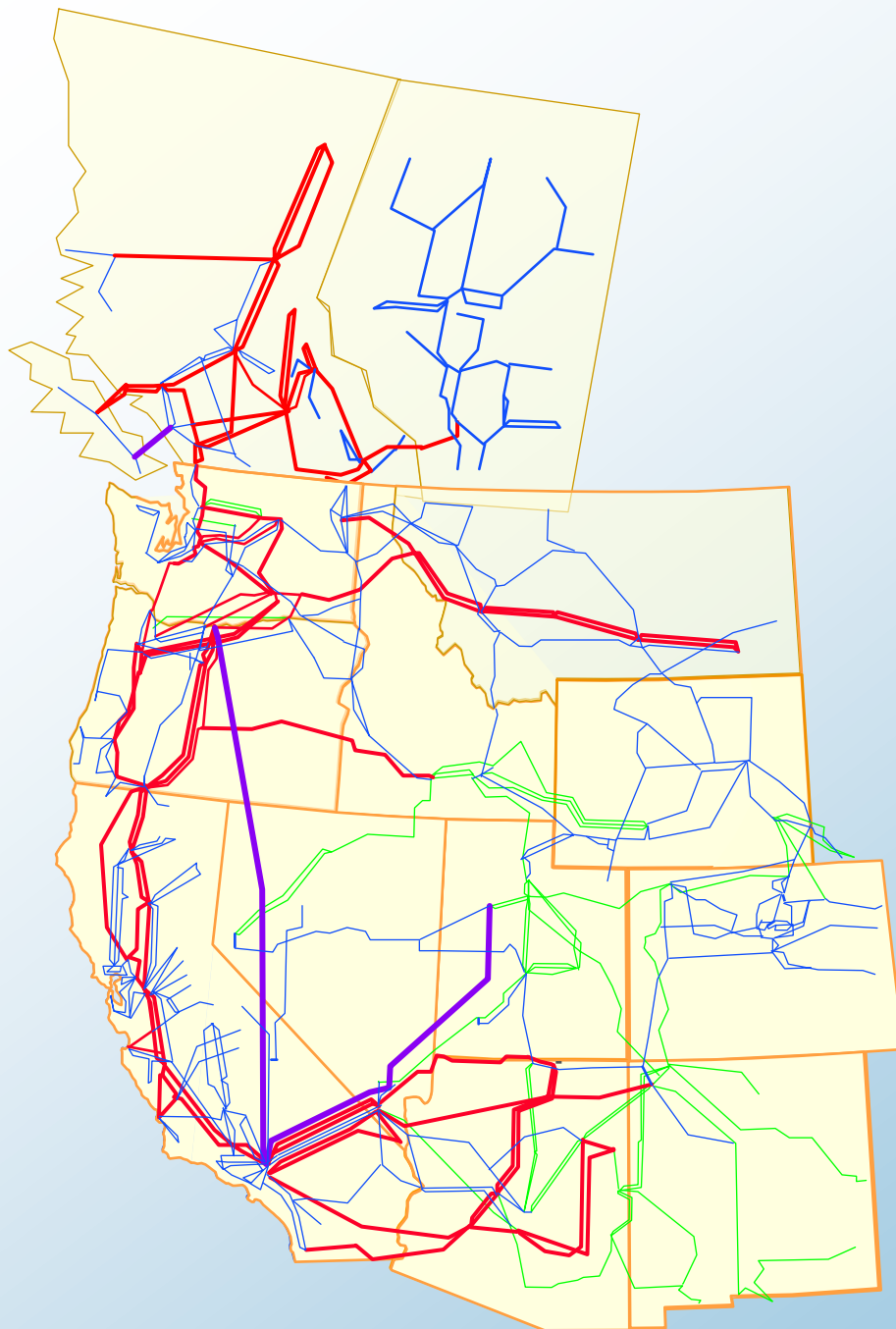


Smart from the Start Transmission

Minimizing Environmental Risk
in Transmission Planning



WECC Existing Transmission System



-  230 kV HVAC
-  345 kV HVAC
-  500 kV HVAC
-  $\pm$ 500 kV HVDC

Transmission Considerations

Why do we need it?

Where can we put it?

How can we minimize environmental and social costs?

Reducing the Environmental Risks of Transmission

Develop recommendations to incorporate information on land, wildlife, cultural, historical, archaeological, and water resources into the transmission planning process.



Environmental Data Task Force

WECC Regional Transmission Expansion Plan

Environmental Data Task Force

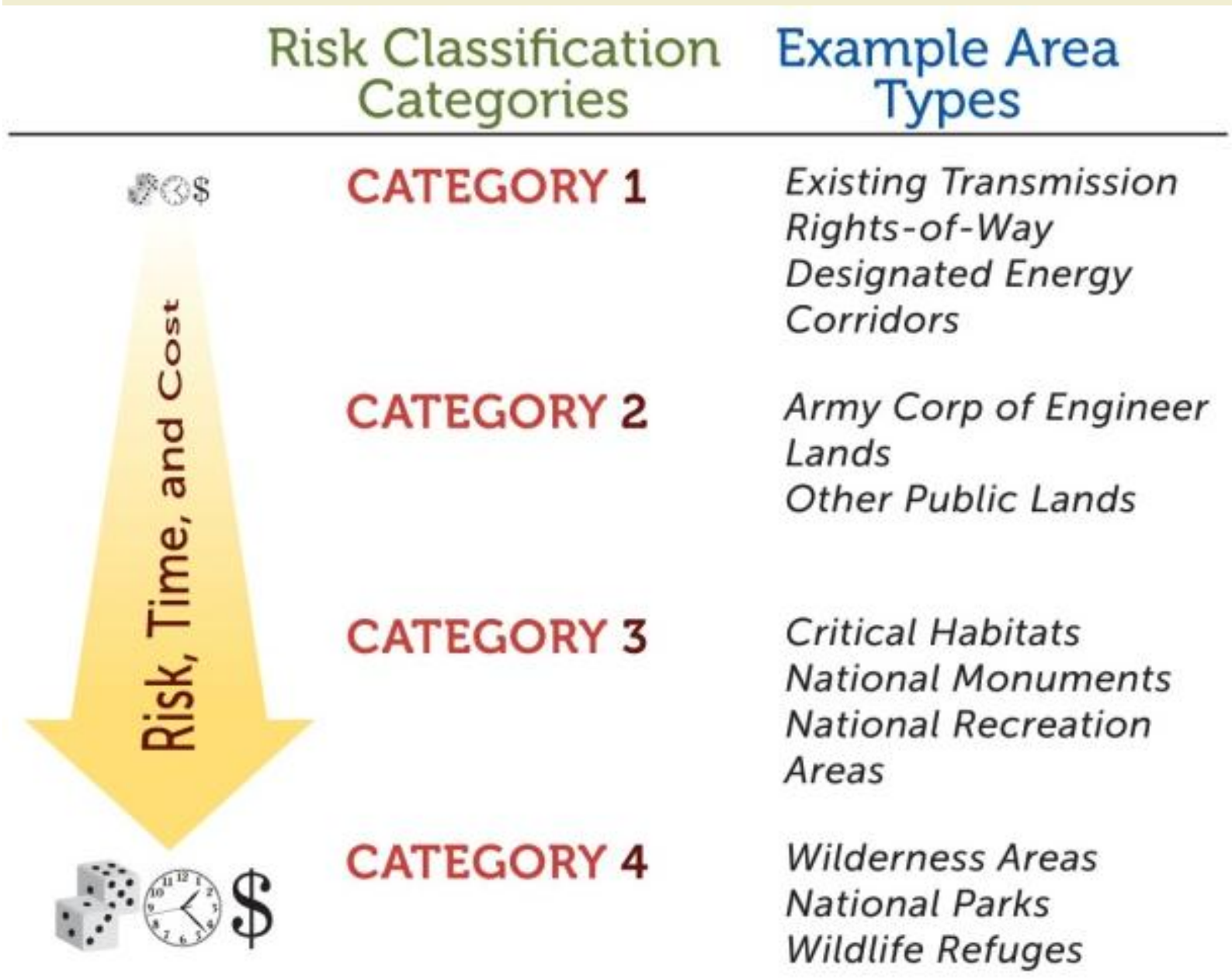
Major Products

- Preferred Land and Wildlife Data Sets
- Landscape Development Risk Classification System (over 100 different land area types)

EDTF Land Area Types

- Critical Habitat for Endangered Species
- Existing Transmission Rights-of-way
- Habitat Areas for Candidate or Listed Wildlife Species Mapped by State, Provincial, or Federal Agencies
- Important Bird Areas (Global, State)
- Wetlands (mapped in regional databases)
- Wildlife Corridors Mapped by State Agencies
- Areas of Critical Environmental Concern
- Wilderness Areas and Wilderness Study Areas
- National Primitive Areas
- National Wildlife Refuges
- National Park System units

EDTF Land Classification System



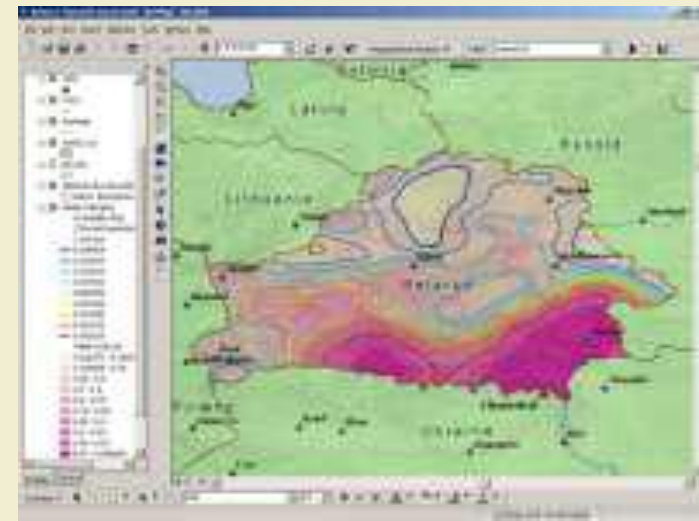
Western Governors' Wildlife Council Crucial Wildlife Habitat Assessment



A common starting point for discussing the intersection of development and wildlife.

An easily accessible online system of maps displaying crucial wildlife habitat and corridors across the West.

<http://www.westgov.org/wildlife/380-chat>



Available State CHATs

- California Areas of Conservation Emphasis (ACE)
- Montana Crucial Areas Planning System (CAPS)
- Washington Priority Habitat Species (PHS On Line)
- 5-state Southern Great Plains CHAT - Lesser Prairie Chicken
- Arizona HabiMap
- Wyoming Interagency Spatial Database & Online Management System (WISDOM) – 2012
- Information from all western states will be integrated and displayed in a public, West-wide CHAT – Dec 2013

For more information:

Pam Eaton
Senior Advisor
The Wilderness Society

pam_eaton@twc.org

303-650-5818 x 103

See also:

Clean Energy Future

www.cleanenergyvision.org

