

USVI Project Development and Finance



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June 15, 2010

NREL's Role in Project Development

- Honest broker of information
- Remove uncertainty and build confidence
- Provide unbiased reference point & documentation

Economic and Finance Analysis

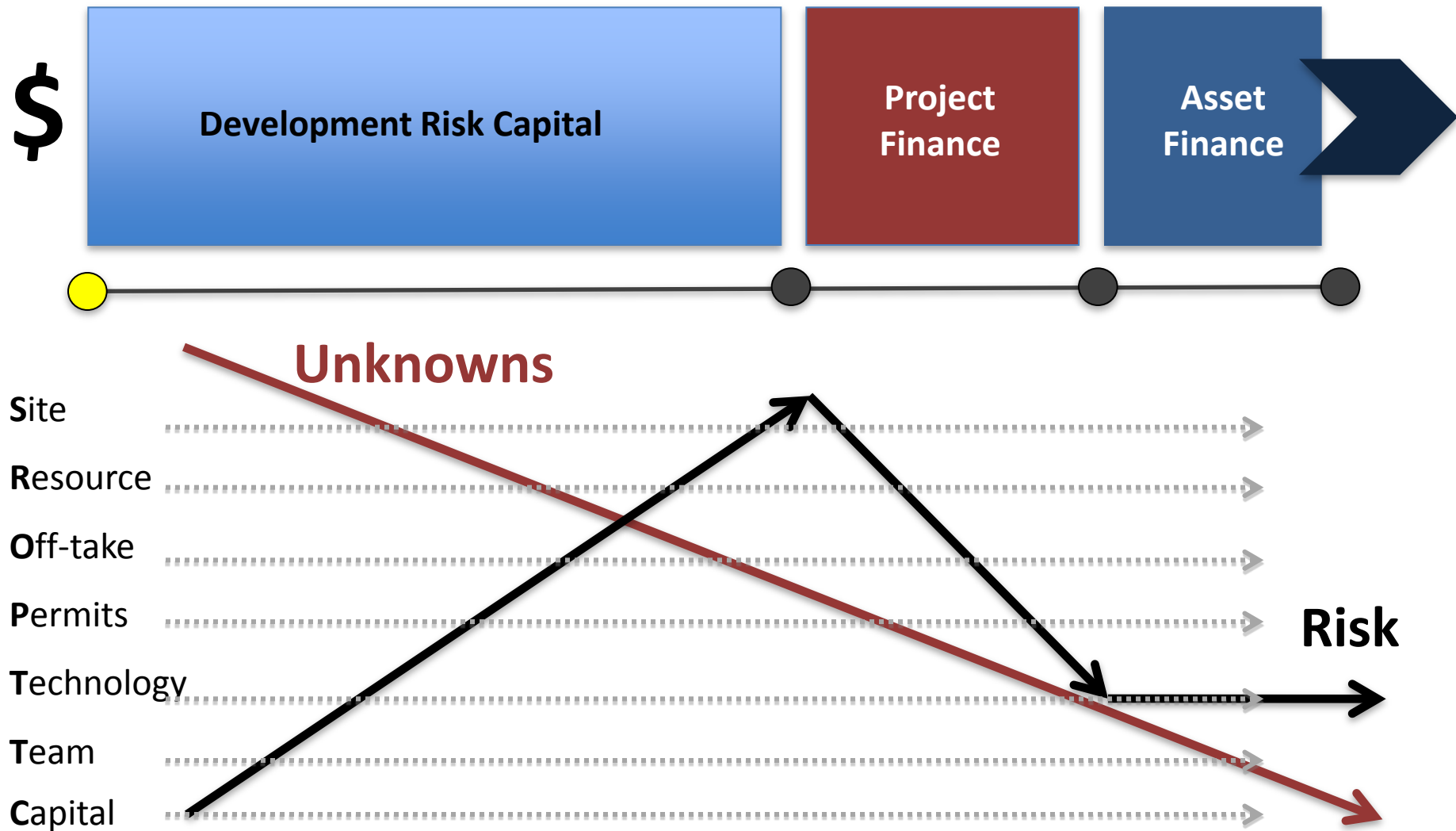
- Technical analysis/engineering = confidence
“It can be done.”
- Economic analysis = motivation
“How big is the opportunity?”
- Technical financial analysis/structuring
“Managing financial risk and execution”

Project Development

- SROPTTC – 7 Essential Elements

- Site
- Resource
- Offtake
- Permits
- Technology
- Team
- Capital

Project Development — “Situational Map”



USVI Wind Development



Image U.S. Geological Survey
Image © 2010 DigitalGlobe
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image © 2010 GeoEye

SROPTTC Example — Wind Development in USVI

Site Bolvoni point/landfill in STT

Resource Anemometry RFP released, will require > 1yr data

Offtake WAPA

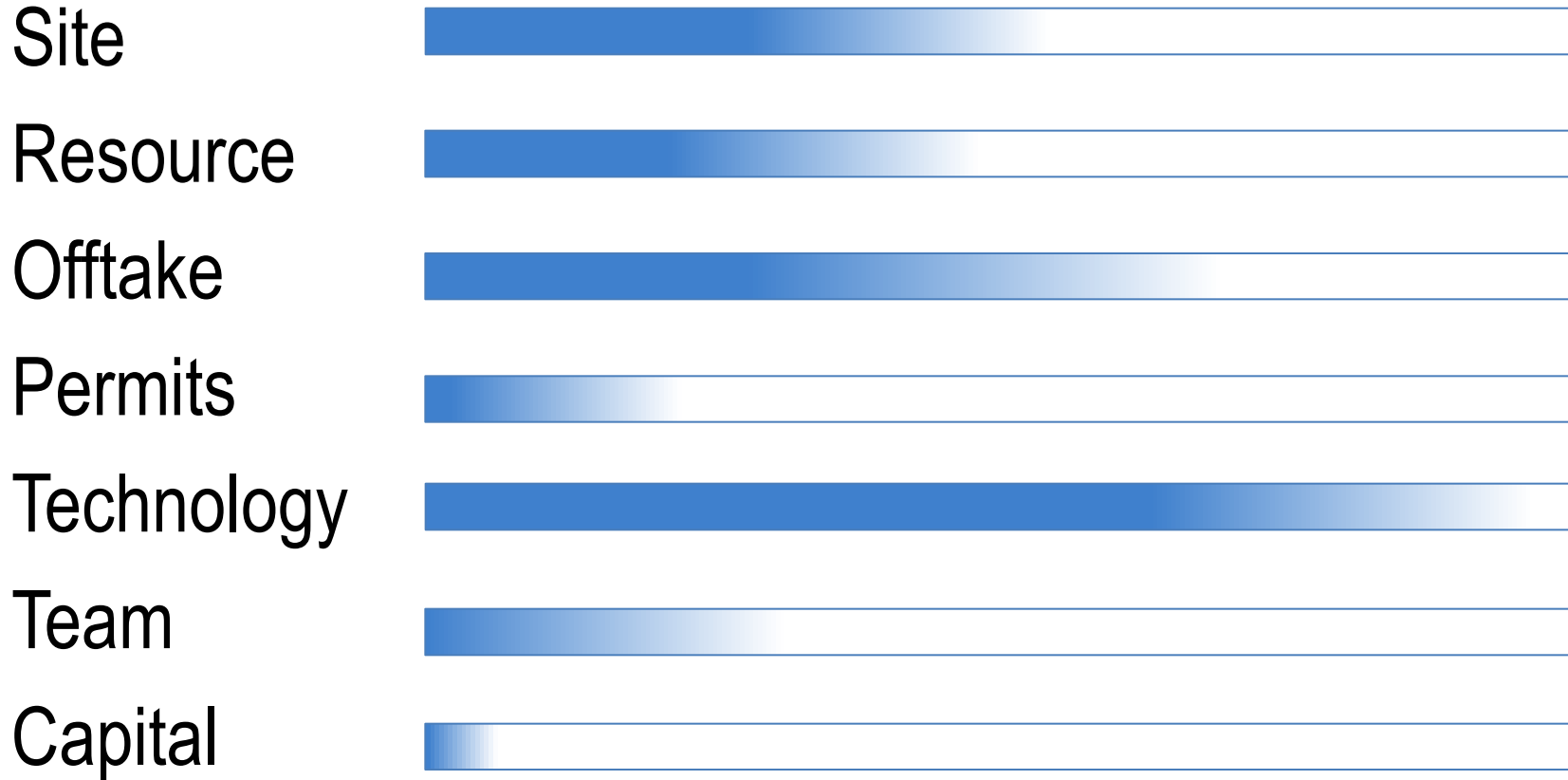
Permits Needed: EIS, site control, FAA, local permitting, etc.

Technology GE 1.5 MW wind turbine or similar , T&D important

Team Undefined

Capital Not ready for capital pursuit; SROPTT all need work

SROPTTC—USVI Wind Development



We're still in the first stage of the process.

Discussion and Questions