



5. İzmir Wind Symposium

The Differences in Onshore and Offshore Wind Project Development Processes

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RES Anatolia Holding A.Ş. - General Manager
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17 GW

PROJECT PORTFOLIO

5 GW

OF OPERATIONAL ASSETS SUPPORTED

1.3 GW

CORPORATE PPA CONTRACTS SIGNED

37

YEARS OF EXPERIENCE

2,000

EMPLOYEES

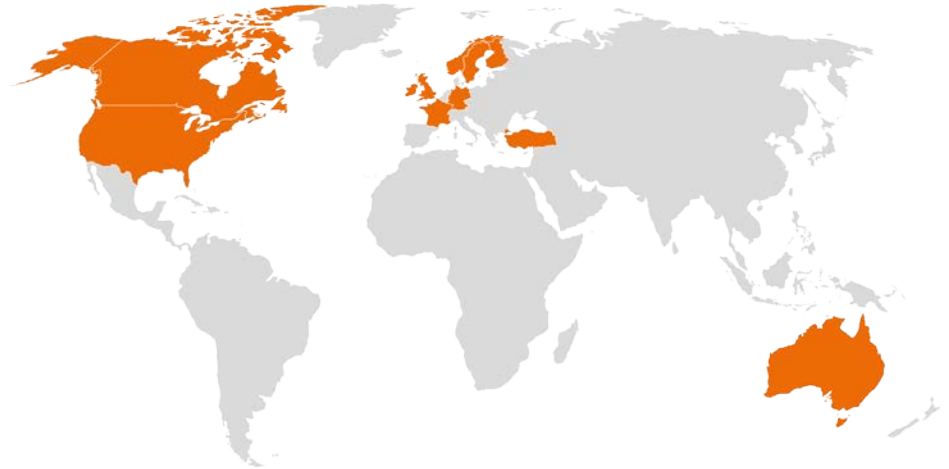
14 GW

ONSHORE WIND



>1 GW

OFFSHORE WIND



Established in 1982.

ACTIVITIES

TECHNOLOGIES



DEVELOP



CONSTRUCT



OPERATE



WIND



SOLAR



STORAGE





TRANSMISSION & DISTRIBUTION

Type	EIA&Permitting	Surveys
<p style="text-align: center;">Onshore</p> 	<ul style="list-style-type: none"> • Securing land agreements and grid connection • Full suit of physical, biological and human receptors 	<ul style="list-style-type: none"> • Wind measurements (Lidar/met-mast or hybrid) • Radar Survey - TIA (Technical Interference Analysis) • Topography survey • Soil investigation • Protected species and habitat surveys

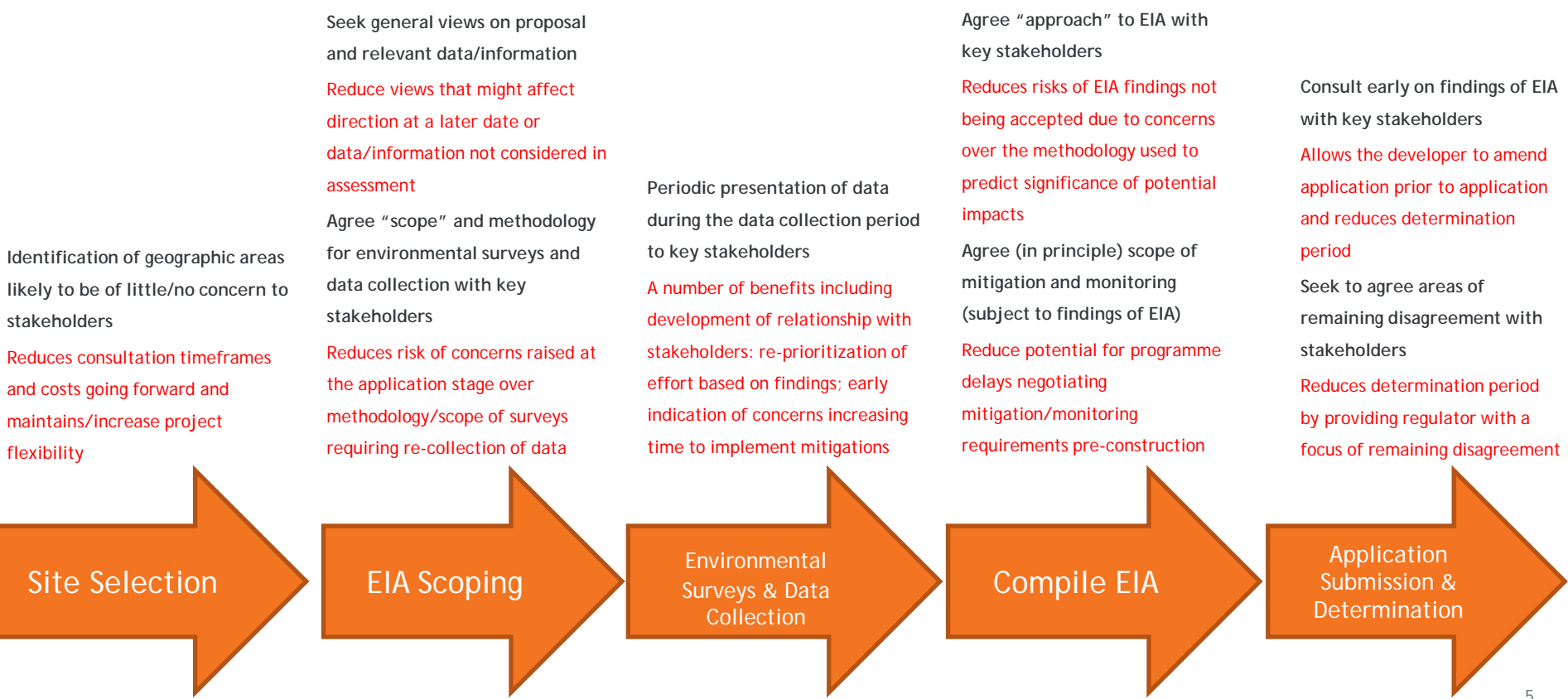
<p style="text-align: center;">Offshore</p> 	<p>Extreme, complex and unstable environment.</p>	
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- **Physical Environment:**
 - Coastal processes & morphology
 - Underwater noise
- **Biological Environment:**
 - Birds
 - Marine mammals
 - Fish
 - Seabed communities
 - Nature Conservation
- **Human Environment:**
 - Shipping & navigation
 - Visual Impacts
 - Commercial fishing
 - Archaeology & cultural heritage
 - Military & civil air radar
 - Trans-boundary (EC)

Type	Timeline (Up to...)	Cost (Up to...)
<p style="text-align: center;">Onshore</p> 	<ul style="list-style-type: none"> • Measurements: 1-2 years • Radar Analysis: 1 years • Mining Clearance: 1 years • Topo Survey: 0.5 - 1 year • EIA: 2 years • Zoning: 1.5 years • Land Acquisition: 1.5 years • OHL Permits: 3 years 	
<p style="text-align: center;">Offshore</p> 	<ul style="list-style-type: none"> • Site Measurements: 2 years • Radar Analysis: 2 years • Topo Survey: 0.5 - 1 year • EIA: 3 years 	<ul style="list-style-type: none"> • Site Measurements: x25 of Onshore • Soil Investigation: x20 of Onshore • EIA: x6 of Onshore • Geotechnical, Aerial and Geophysical Surveys: x 10 of Offshore • Other Marine Surveys: 250k€ to 500k€ <p>*Assumptions considered: 400 MW project, geotechnical studies onshore, onshore sub-station, <5 km offshore cable route, <5 km onshore cable route</p>

- Strategic Environmental Assessment
- Clear National Policy support
- Clear guidance (EIA and permitting - build on European experience)

Opportunities for Positive Engagement with Stakeholders:



THANK YOU
Any Questions?

