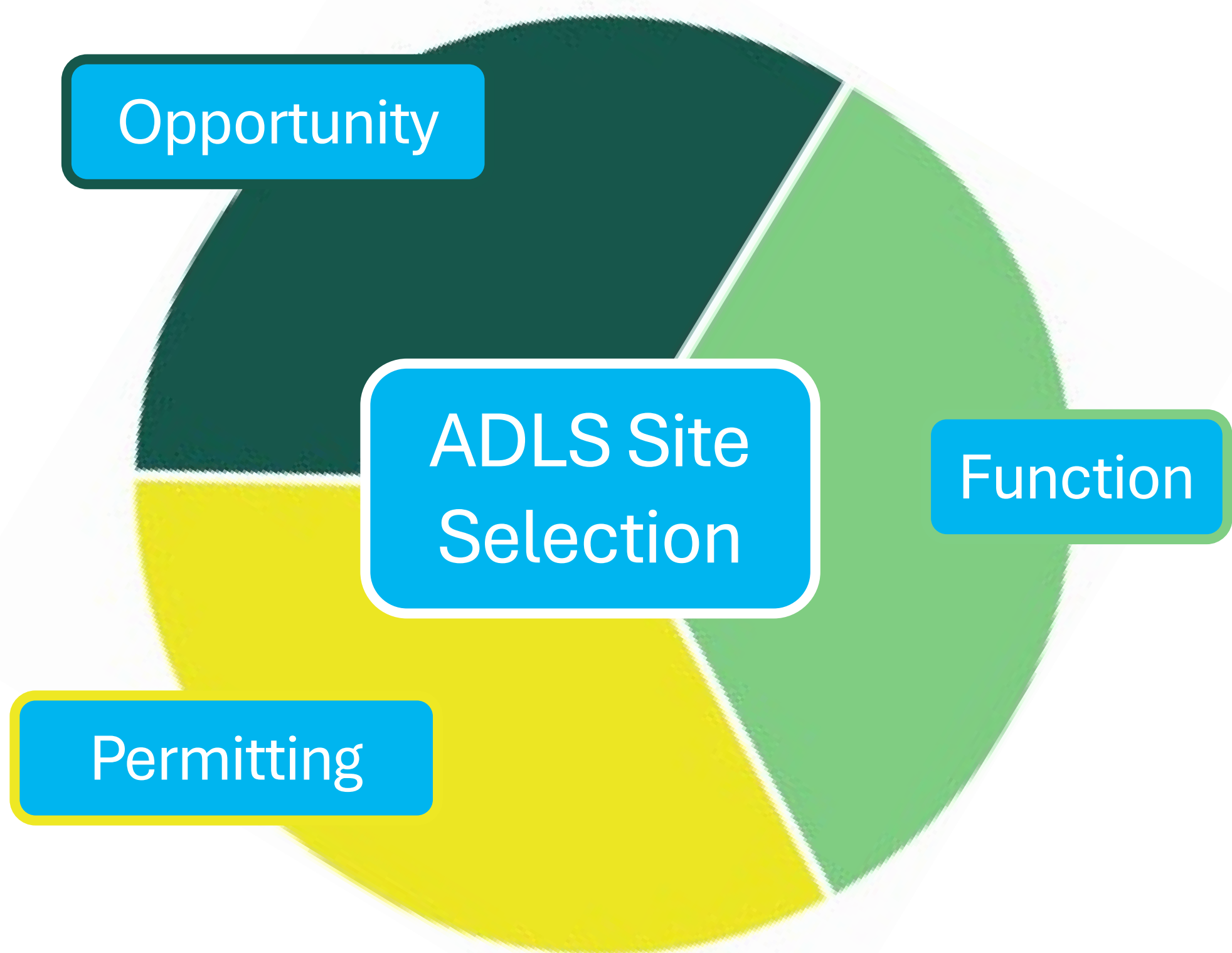


Considering opportunity, function, and permitting prior to siting ADLS towers saves time and effort.

Aircraft Detection Lighting Systems are sensor-based systems designed to detect aircraft as they approach wind turbines, automatically activating aircraft obstruction lighting until they are no longer needed by the aircraft.



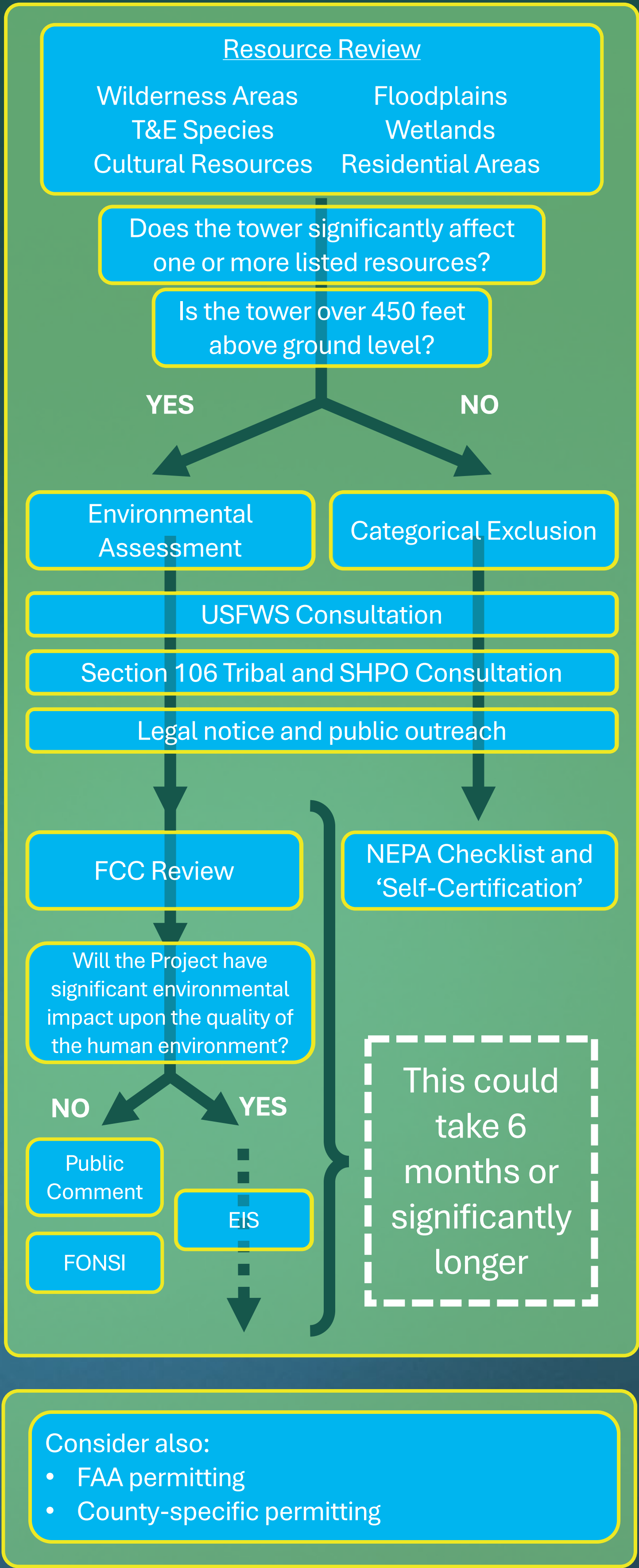
Opportunity

- Develop exclusionary zones
 - Known cultural resources, USFWS easements, etc.
- Consider land control, constructability, and access
- Towers must have a power source and be connected fiber optically to the turbine network

Function

- Line-of-sight
 - The tower must be able to ‘see’ all of the turbines.
 - Hills or other terrain, trees, met towers, and man-made structures can all block the view.
- Towers must be tall enough to provide an adequate coverage of the volume of airspace.
- Plan ahead to cover multiple phases, if needed!

Permitting FCC NEPA Process



Authors

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