



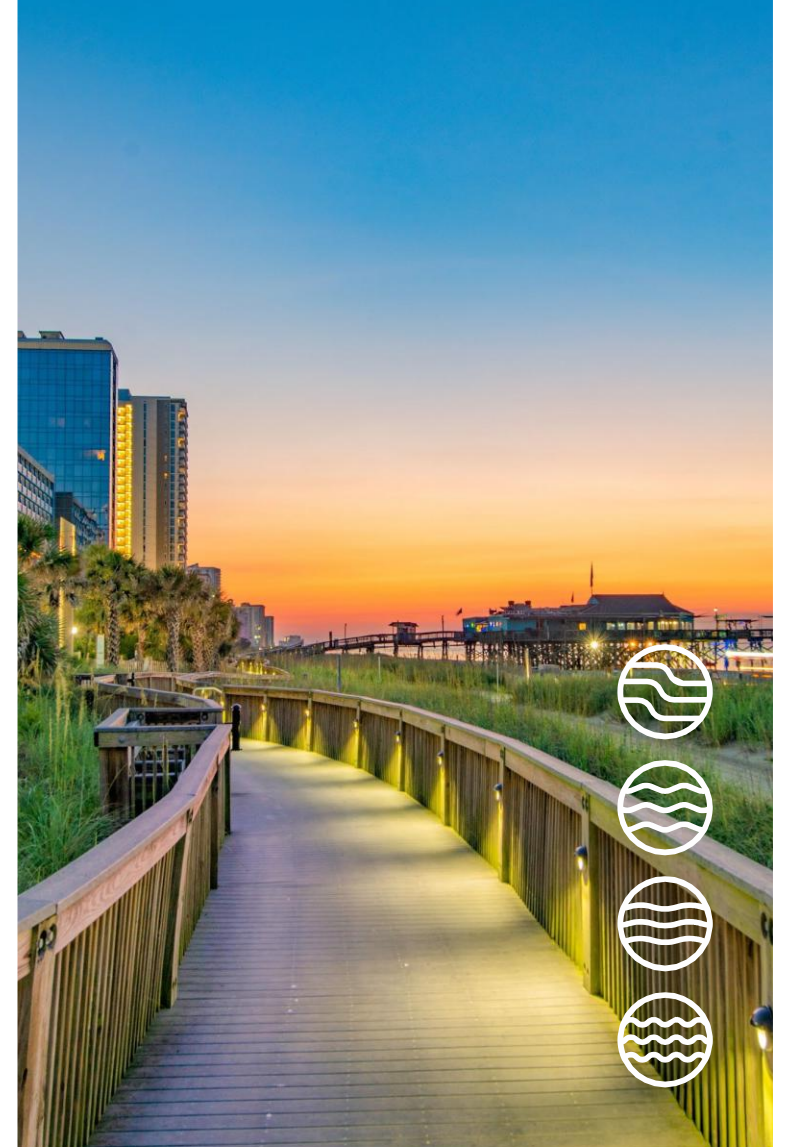
SC DEPARTMENT of  
**ENVIRONMENTAL  
SERVICES**

# **South Carolina Department of Transportation Modernization Ad Hoc Committee**

Henry Porter

*Deputy Director – Environmental Programs*

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ALL ROADS LEAD TO THE



SC DEPARTMENT *of*  
**ENVIRONMENTAL  
SERVICES**



# Environmental Programs



Bureau of Air Quality



Bureau of Coastal Management



Bureau of Land & Waste  
Management



Bureau of Water



Bureau of Regional and Laboratory  
Services

# Permitting Programs Supporting Roadway Construction

Typical Permits Needed to Complete	
Highway Projects	<b>Bureau of Coastal Zone Management</b> – Coastal Zone Consistency, Critical Area
	<b>Bureau of Land &amp; Waste Management</b> – Asbestos Abatement
	<b>Bureau of Water</b> – Stormwater, 401(for Corps Permit), Navigable Waters
Support Activities	<b>Bureau of Air Quality</b> – Air Permits (Asphalt, Redimix, Cement Manufacturing)
	<b>Bureau of Coastal Zone Management</b> - Bureau of Coastal Zone Management – Coastal Zone Consistency
	<b>Bureau of Land &amp; Waste Management</b> – Mining for Sand & Quarries
	<b>Bureau of Water</b> – Stormwater, 401(for Corps Permit), Navigable Waters, Wastewater Discharge

## Time Savings

- SCDOT funds dedicated positions for Coastal Zone, Stormwater, and 401 Permitting
- Borrow pits serving ONLY SCDOT sites are exempt from BLWM Mine Permitting

# Goal: Issuance of SCDES permits within 90 days of receipt

- Use of Pre-Application Meetings for complex permits (wastewater, air, large stormwater)
- Off-Ramp for complex projects
- Full Technical Review
- Guidelines for what is a complete application
- Quality Submissions are Key!

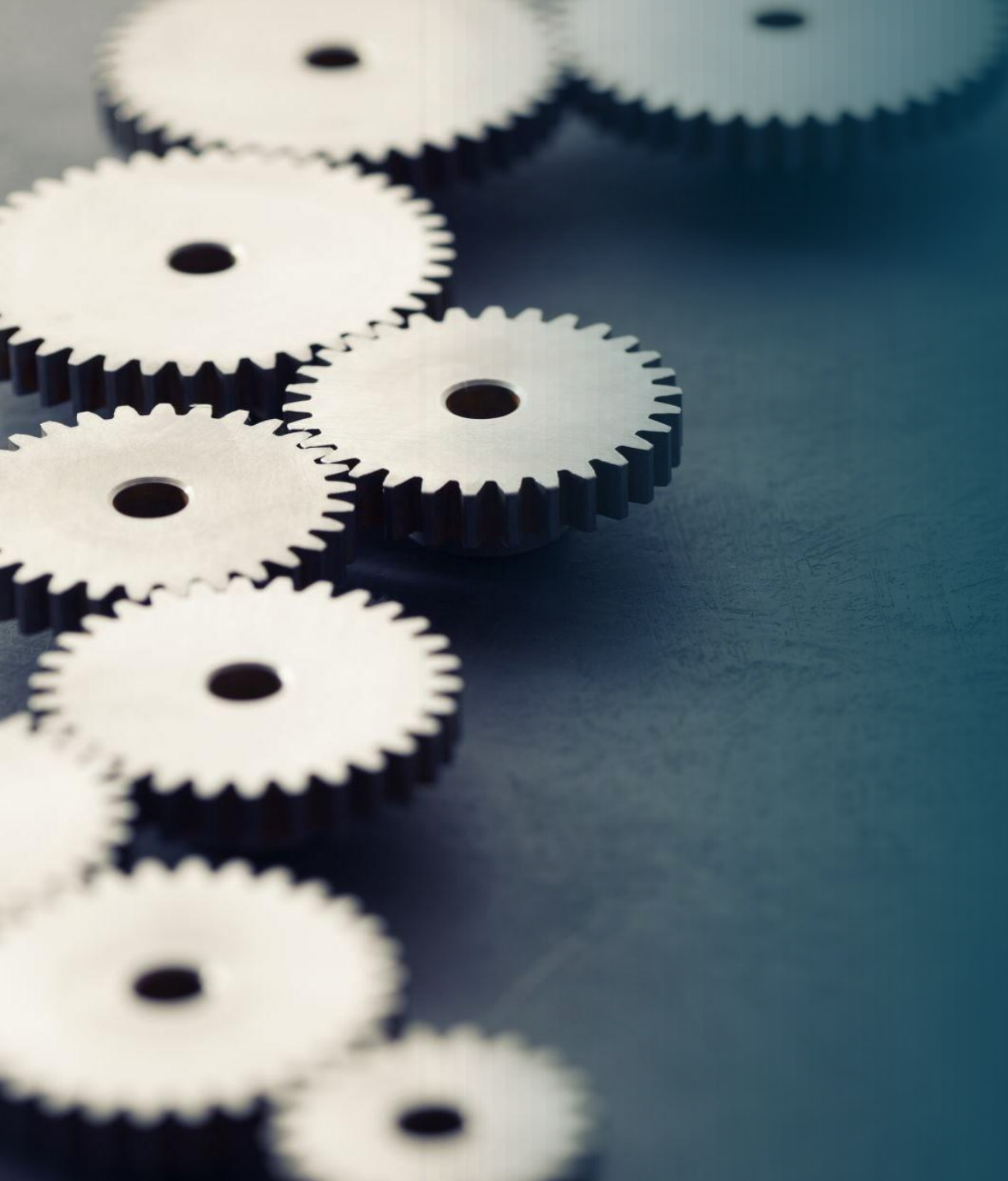


# SC Energy Security Act

- Developing new energy infrastructure capable of meeting the energy needs of South Carolina's residents and supporting economic development
- Expedited permitting timeframes of Energy Infrastructure Projects (EIP) for SCES, state agencies, and local governments.
- Permits for EIP Projects issued within 6 months







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## Gaining Efficiency in Permitting

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- **Public Participation**
- **Internal Process Improvement**
- **Stakeholder Outreach & Engagement**
- **Leadership Engagement:**
  - Weekly meetings with Assistant Bureau Chiefs

# Deep Dives into Permitting Process

- LEAN Six Sigma Evaluation:

- Engineer with Black Belt conducting deep dive
- Time studies for permitting staff
- Recommendations for improvements

✓	<b>On-Site Wastewater</b>
✓	<b>Coastal Zone Consistency Certification</b>
✓	<b>Coastal Stormwater</b>
	<b>NPDES Wastewater</b>
	<b>Stormwater Permitting</b>



# Using Technology to Improve Efficiency

- ePermitting
  - Lexis Nexis for account authentication
  - User Research
  - Continually engaging ePermitting Contractors (Windsor) for enhancements to improve services
  - 30 programs in, 6 remain in other data management systems
- AI Integration
  - Permit status Summaries in ePermitting
  - AI tool to draft NPDES permits for renewal
- Others
  - Electronic Document Management for improved access to records
  - Increased access to spatial data





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# Get in touch

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