

plan • engage

AECOM's PlanEngage online digital reporting tool is used successfully globally along with other digital tools such as Virtual Consultation Rooms. These tools are revolutionizing project team, agency, stakeholder, and public collaboration, enhancing understanding and improving the comment generation and response process, presenting the potential to deliver projects faster and with less expense.

AECOM's PlanEngage is the next stage in the evolution of reporting.

OVERVIEW

PlanEngage offers a modern and best-practice alternative to traditional reporting formats. By combining advanced software development with industry-leading data management and visualization technologies, PlanEngage offers a unique and versatile approach to online content creation and communication.

The digital report products make project data more engaging, more accessible, and easier to understand, helping reviewers generate more meaningful input and leaders make better decisions.

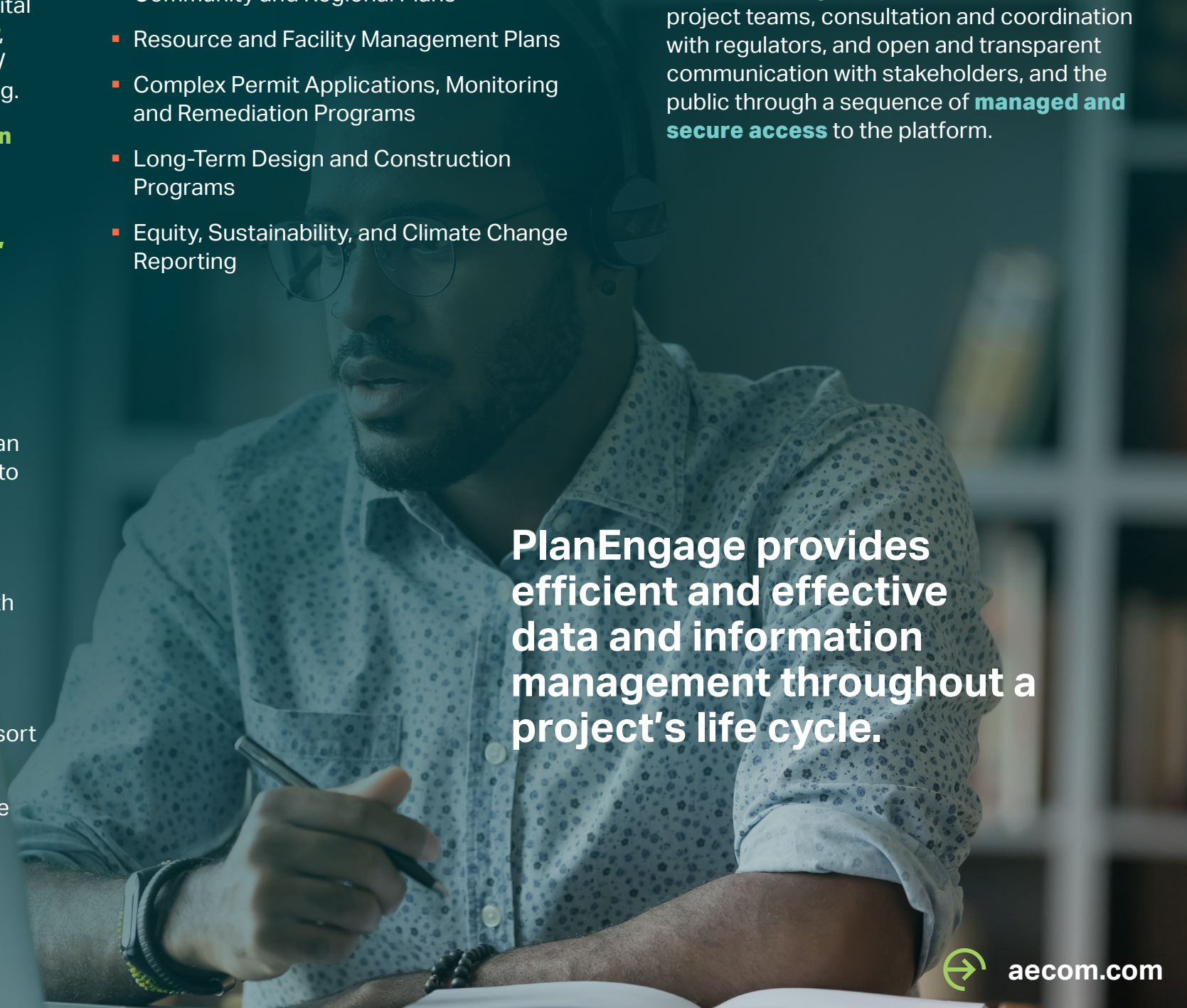
- Improve Understanding and Meaningful Engagement
- Increase Transparency and Acceptance
- Streamline Processes and Decision Making
- Optimize Performance and Outcomes

Features and Benefits	Applications/Use Cases Examples	Linkages to Other Digital Tools
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- Reports are presented online like a project website, starting with the most important information and drilling down deeper with links to **customize** interaction with report content.
- Conversion from a standard TOC to a digital framework is **simple, easy and modular**, allowing report authors to select options/edit text to optimize reader understanding.
- **Accessibility and language translation** are provided to make requirements and content clear even on mobile devices.
- Report text appears **next to interactive, scalable maps with legend options**.
- **"Sliders"** allow readers to interact with before and after simulations, or data sets involving time intervals, increasing understanding of anticipated changes.
- **Simulations, animations and videos** can appear in the middle of the digital report to explain complex concepts.
- **Noise level simulations** are possible, allowing readers to hear the differences under alternative scenarios, including with and without proposed sound walls.
- Readers can enter comments on **report sections** or on maps using customized comment forms that help project teams sort and manage input.
- **Dashboards** present summaries to guide understandings, clarify public input and summarize related concerns.

- National Environmental Policy Act (NEPA) Environmental Impact Statements (EISs), EAs and Similar Documents
- Planning Programs and Feasibility Studies
- Community and Regional Plans
- Resource and Facility Management Plans
- Complex Permit Applications, Monitoring and Remediation Programs
- Long-Term Design and Construction Programs
- Equity, Sustainability, and Climate Change Reporting

The PlanEngage platform works seamlessly with our **Virtual Consultation Rooms** and our digital field **data collection, management and reporting** tools and technologies. This connectivity enables efficient and effective process management, collaboration within project teams, consultation and coordination with regulators, and open and transparent communication with stakeholders, and the public through a sequence of **managed and secure access** to the platform.



PlanEngage provides efficient and effective data and information management throughout a project's life cycle.

Interstate 11 – Final Tier 1 EIS

Arizona Department of Transportation (ADOT)

FIRST DIGITAL TRANSPORTATION EIS IN THE US

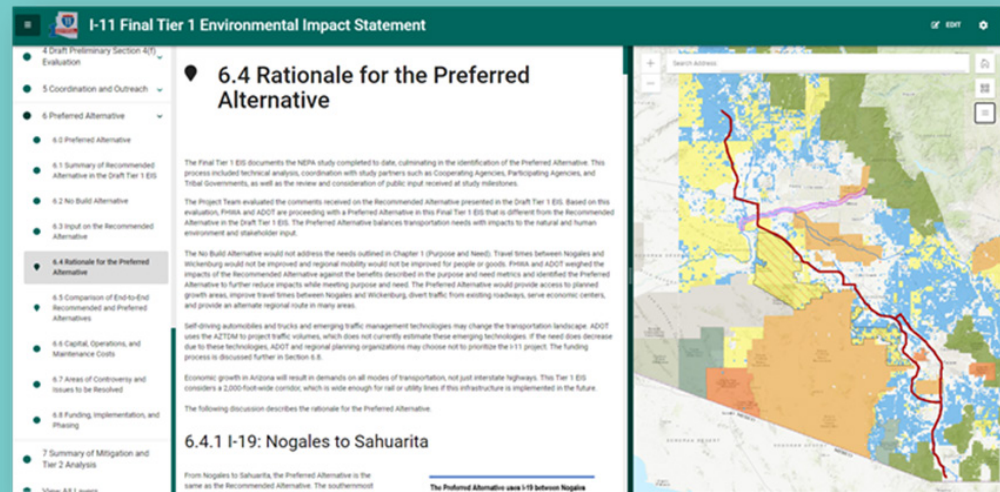
The Federal Highway Administration and ADOT are conducting the environmental review process for the Interstate 11 (I-11) Corridor from Nogales to Wickenburg, Arizona. An Alternatives Selection Report and Tier 1 EIS were prepared as part of this process in accordance with NEPA and other regulatory requirements. AECOM provided the Alternatives Selection Report and the Tier 1 EIS.

SERVICES

The AECOM team transformed the Final Tier 1 EIS PDF documentation for the project into an online, interactive, and informative website, providing improved community and key project stakeholder accessibility.

ACHIEVEMENTS

- 58 pages of interactive project information from the original EIS documentation including text, imagery, and maps to explain to site visitors about the proposed project alternative options, show potential environmental consequences and outline mitigation measures.
- Interactive GIS map pages showing project information in a highly visual and interactive way, allowing users to explore by zooming in and out, switching layers on and off and searching for an address of interest.



Keadby 3, SSE Thermal

SSE Thermal and Equinor are actively developing Keadby 3, which could become the UK's first power station equipped with carbon capture technology by the mid-2020s. AECOM leveraged PlanEngage in the development of a Digital Preliminary Environmental Information (PEI) Non-Technical- Summary (NTS).

The Digital PEI NTS, the first of its kind in the UK, provides a clear, interactive, and engaging index to the project. By merging in text, visualizations and mapping, there is a much-improved consultation experience compared to the traditional PDF format, supporting stakeholders as they engage at this crucial stage.

This project also represented the first merger of the PlanEngage tool with AECOM's industry-leading Virtual Consultation Room technology, creating a truly unique and industry-first digital engagement experience.



Sizewell C, EDF

The Sizewell C nuclear power station is a project designed to generate enough low-carbon electricity to supply six million homes and help Britain achieve Net Zero. The Digital Environmental Statement (ES) is the largest, most complex digital environmental impact study seen in the UK.

With a site for each of the project's development sites, and an overarching introduction site, the Sizewell digital ES includes 10 interconnected digital reports with a shared database of spatial data/media to support data efficiency and consistency.

Supporting EDF's application for development consent, the ES was key to meeting the requirements of the Development Consent Order (DCO) examination.

Throughout the project, the PlanEngage site was updated to include design changes, updated assessments, and new survey information, with changes made securely and seamlessly pushed, without affecting user experience.



“PlanEngage is ideal for remote working conditions as it allows the user to explore details of the scheme in an easy way and is the perfect tool for us to share information with our many stakeholders. This is a real step forward in making our permitting application more transparent and accessible.” Anne-Marie Rogers, Highways England, Senior Project Manager and Permitting Workstream Lead

MORE INFORMATION: AskEnvironment@aecom.com

LEARN MORE ABOUT OUR DIGITAL TOOLS

- [Digital AECOM](#)
- [PlanEngage](#)
- [Virtual Consultation Rooms](#)
- [Environmental Planning and Innovation Virtual Room](#)