

The 2021 Environment Analyst Global Summit

Frank Sweet
June 2021

Top 5 Threats (then)



1

Climate Change

extinction is possible

2

Regulatory Oblivion

lawyers proliferate as regulation becomes more complex

3

Workforce of the Future

young professional won't want to work in the office

4

Artificial Intelligence

we are replaced by robots

5

Industry Consolidation

our voice is lost in large diversified A&E firms

Top 5 Threats (now)

1

Climate Change

Society, Investors and Policy Makers are demanding climate action

2

Regulatory Oblivion

there will be plenty to do for all

3

Workforce of the Future

working remote is easy but F2F is important

4

AI & Robots

these can help us get more done

5

Industry Consolidation

we are the Crown Jewel of an A&E firm

ESG Investment

Environmental, Social & Governance

- **2T** now in ESG focused investment funds
- **3B** a day going into ESG focused investment funds
- **5B** a day in new green bond and loan issues



Renaissance

US AJP Investment

The American Jobs Plan

- **928B** GOP Counterproposal (last weeks)
- **200 to 500B** Incremental & Addressable Spending
- **1.5 to 3%** Environmental Planning & Permitting
- **5 to 30%** potential increase in demand

THE REPUBLICAN ROADMAP

This counteroffer delivers on much of what President Biden provided in his feedback to us during our Oval Office meeting while still focusing on core infrastructure investments. As updated, the Republican Roadmap includes a \$91 billion increase over baseline spending for roads and bridges and a \$48 billion increase of \$25 billion for water infrastructure during that period. It also includes a one-time increase over baseline spending for passenger and freight rail; and an additional \$6 billion for water storage in the West. **As evidenced by our work on bipartisan drinking water and surface transportation infrastructure bills, we can work in a bipartisan fashion on these priorities and deliver real results.**

ROADS, BRIDGES, MAJOR PROJECTS - \$506 BILLION <ul style="list-style-type: none">- EV INFRASTRUCTURE - \$4 BILLION- RECONNECTING COMMUNITIES - \$800 MILLION- RESILIENCE - \$14 BILLION
PUBLIC TRANSIT SYSTEMS - \$98 BILLION
PASSENGER AND FREIGHT RAIL - \$46 BILLION
SAFETY - \$21 BILLION
PORTS & WATERWAYS - \$22 BILLION
AIRPORTS - \$56 BILLION
WESTERN WATER STORAGE - \$22 BILLION
WATER INFRASTRUCTURE - \$72 BILLION
BROADBAND INFRASTRUCTURE - \$65 BILLION
INFRASTRUCTURE FINANCING - \$20 BILLION

Example: Offshore Wind

- 30GW of Offshore Capacity
- 2.5B per GW
- 75B Private Investment over 8 years
- 280M a year in Planning & Permitting
- 1,654 additional Scientists and Planners

Calculation

$30\text{GW} * 2.5\text{B per GW} =$

$75\text{B} / 8 \text{ years} * 3\% =$

$280\text{M} / \$170,000 \text{ per professional} =$
1,650 Scientists & Planners



Meeting the Challenge as a Community



- Work with Higher Education to increase enrollment in Environmental Sciences
- Work with Policy Makers to improve the regulatory process and community engagement
- Develop and standardize tools and technology to streamline the permitting process
- Regain the narrative as market leader for ESG Advisory Services

Questions?



Thank you.

Frank Sweet
frank.sweet@aecom.com

Top 5 Threats (then)



ANIMATED
VERSION – VIEW
SLIDESHOW M

1

Climate Change

extinction is possible

2

Regulatory Oblivion

lawyers proliferate as regulation becomes more complex

3

Workforce of the Future

young professional won't want to work in the office

4

Artificial Intelligence

we are replaced by robots

5

Industry Consolidation

our voice is lost in large diversified A&E firms

Top 5 Threats (now)

ANIMATED
VERSION – VIEW
SLIDESHOW MODE

1

Climate Change

Society, Investors and Policy Makers are demanding climate action

2

Regulatory Oblivion

there will be plenty to do for all

3

Workforce of the Future

working remote is easy but F2F is important

4

AI & Robots

these can help us get more done

5

Industry Consolidation

we are the Crown Jewel of an A&E firm