Technology and the EA Process: Where to Focus?

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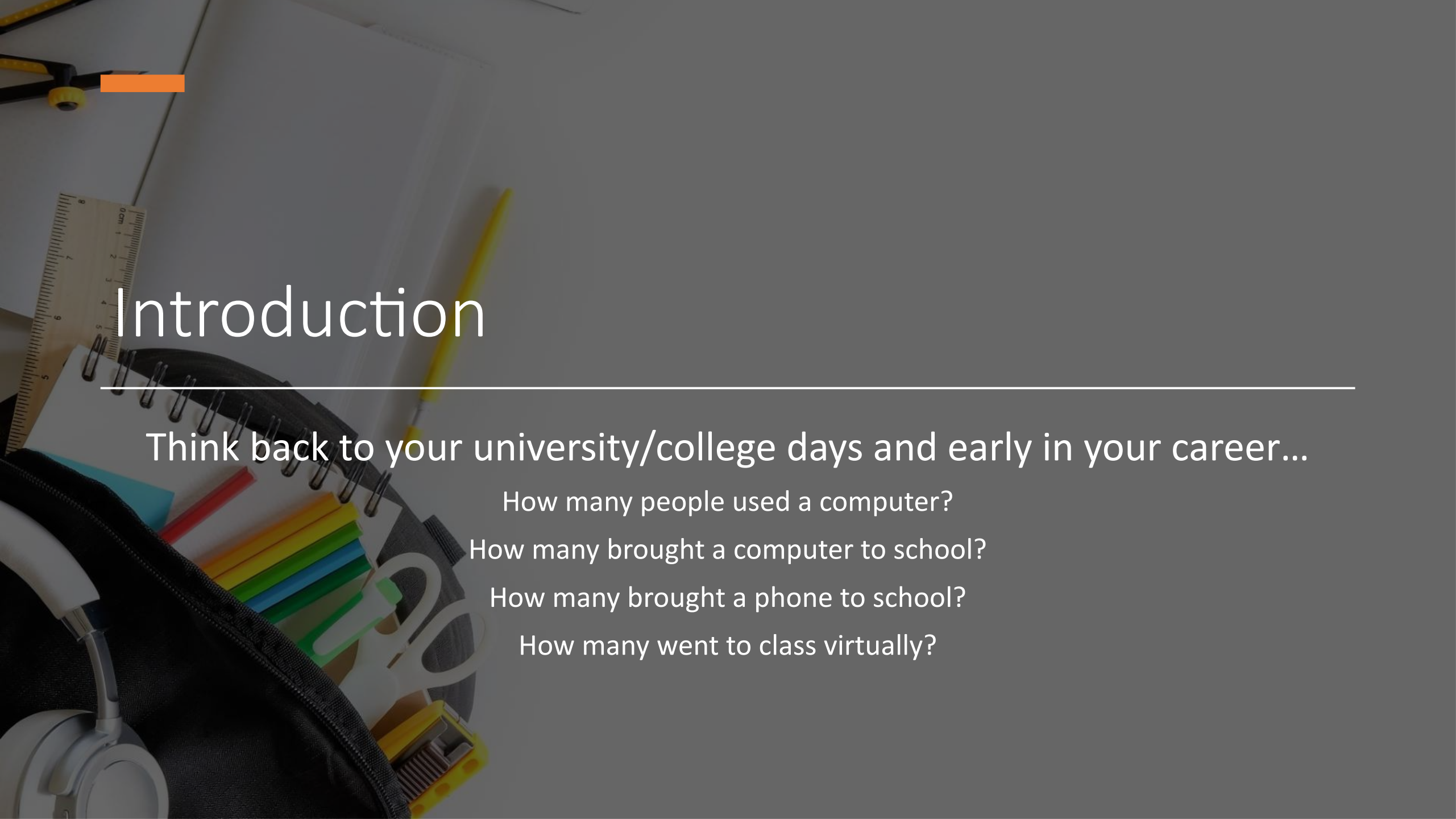
Agenda

- Introduction
- Defining the EA Process
- Applying Technology in EAs
  - Digital Data Collection
  - Augmented Reality
- Break-out Discussion



Introduction

Think back to your university/college days and early in your career…

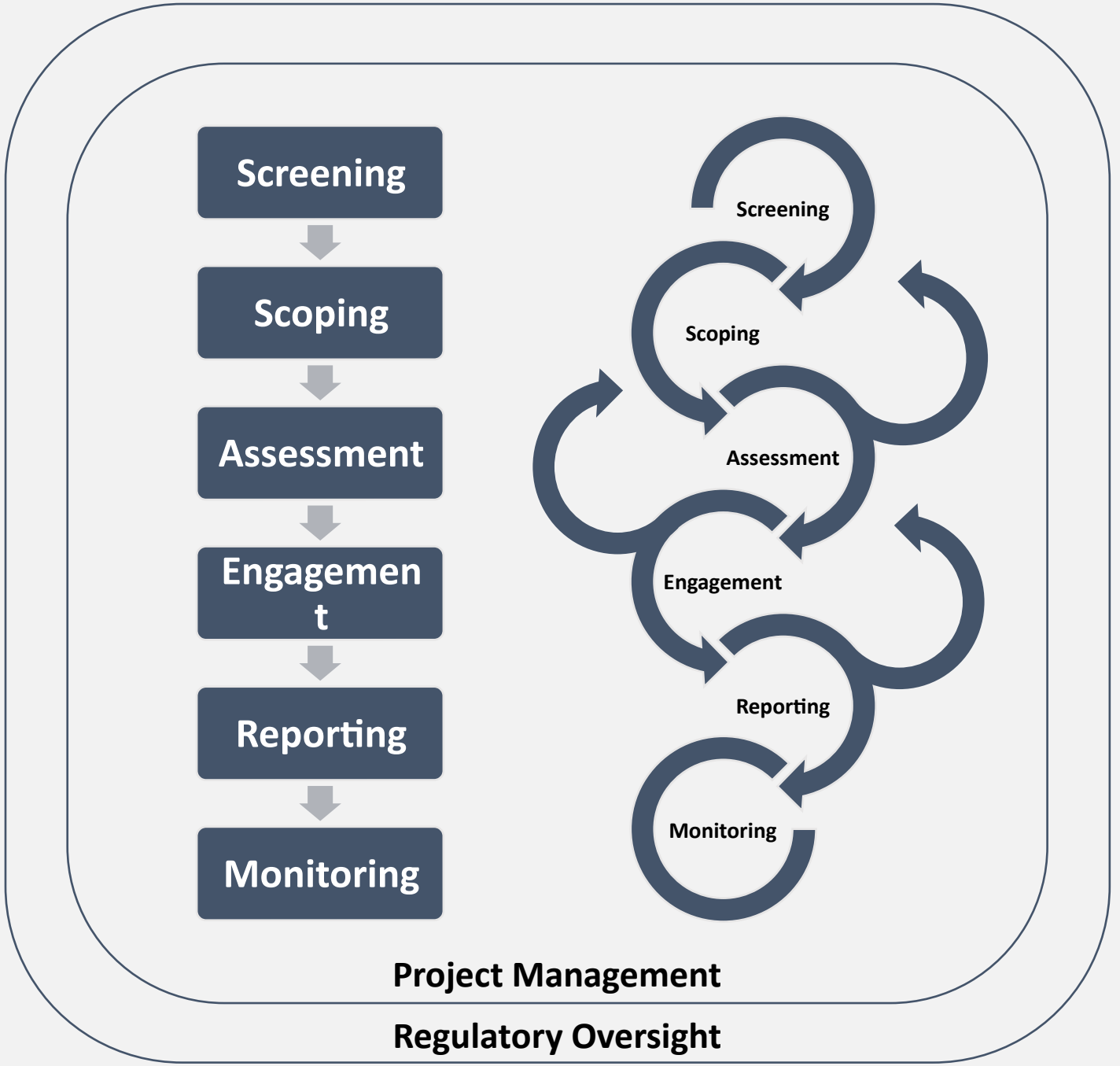
How many people used a computer?

How many brought a computer to school?

How many brought a phone to school?

How many went to class virtually?

Defining the EA Process



Applying Technology in EA

Technology can make EAs more…

Repeatable

Defendable

Transparent

Efficient

BUT it can also introduce issues…

Bias

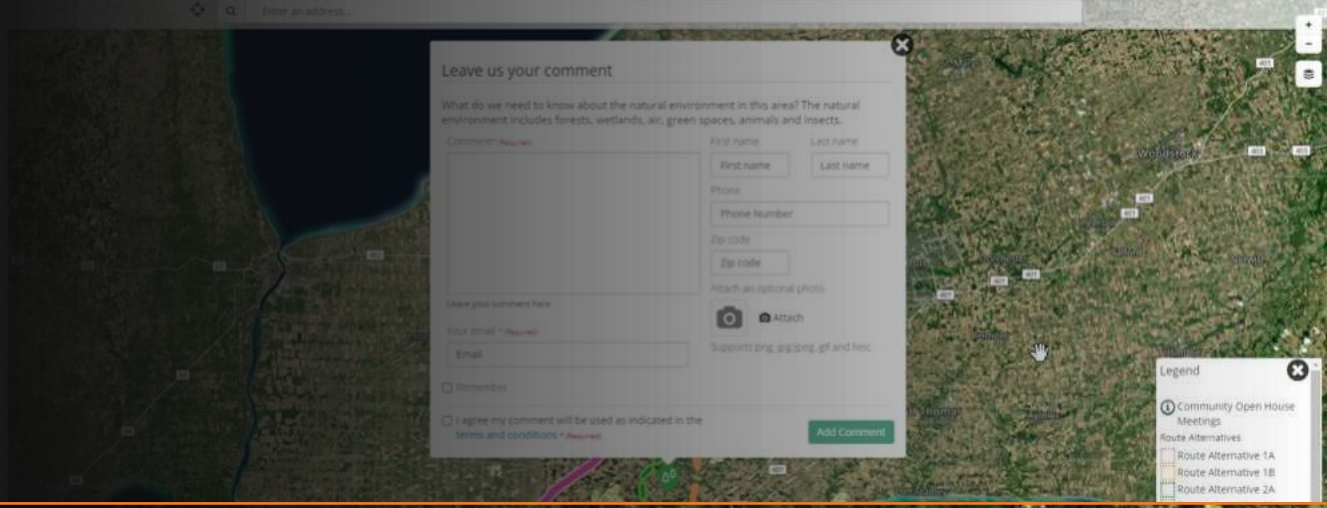
Breach of trust

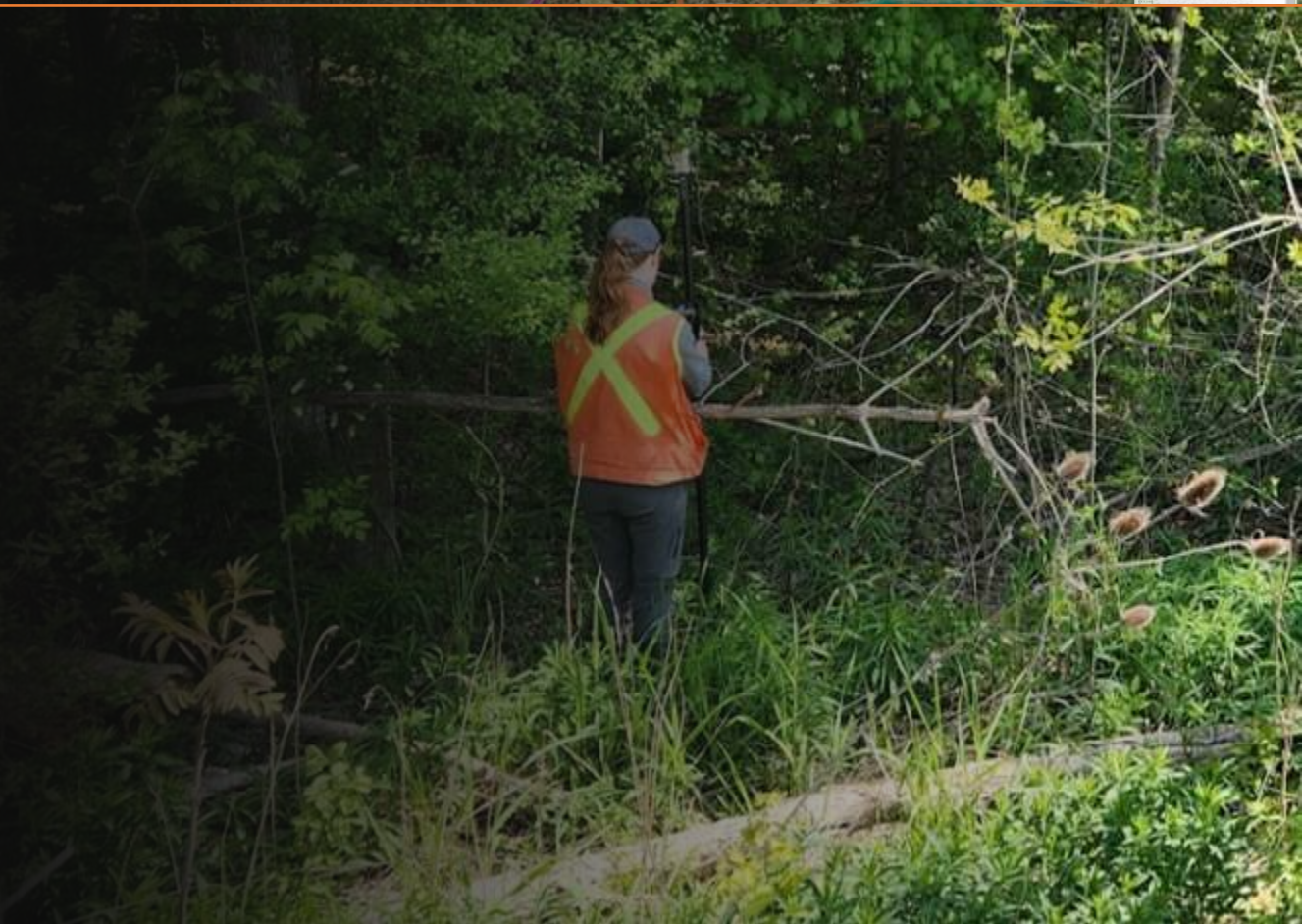
Privacy concerns

Loss of jobs

Scoping:
Digital Data Collection

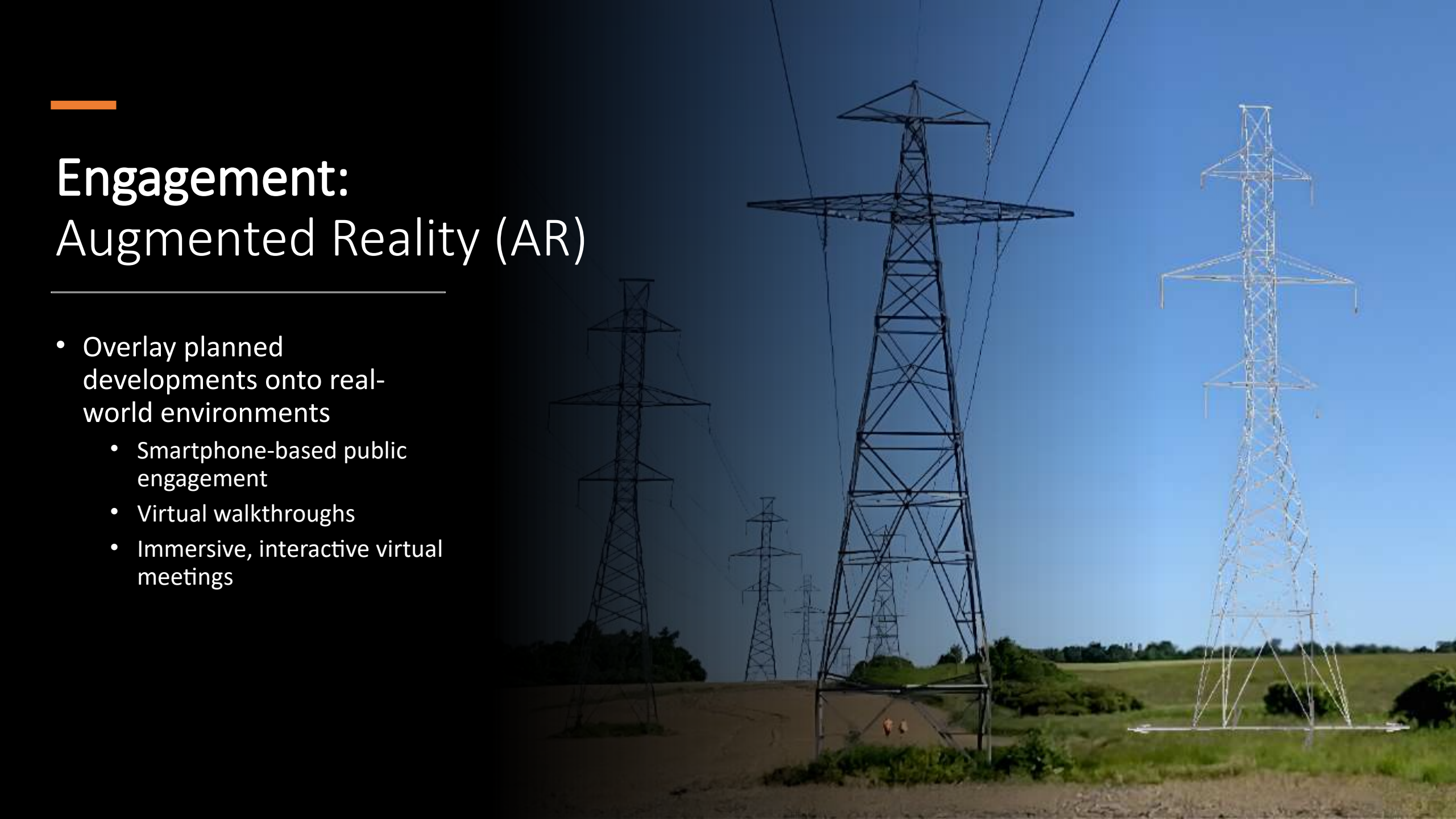
- Data collected on smartphones/tablets by field staff
  - No transcription required
  - Automatic tagging to specific locations
  - Real-time updates in GIS
  - Field staff have access to mapping onsite





Engagement:
Augmented Reality (AR)

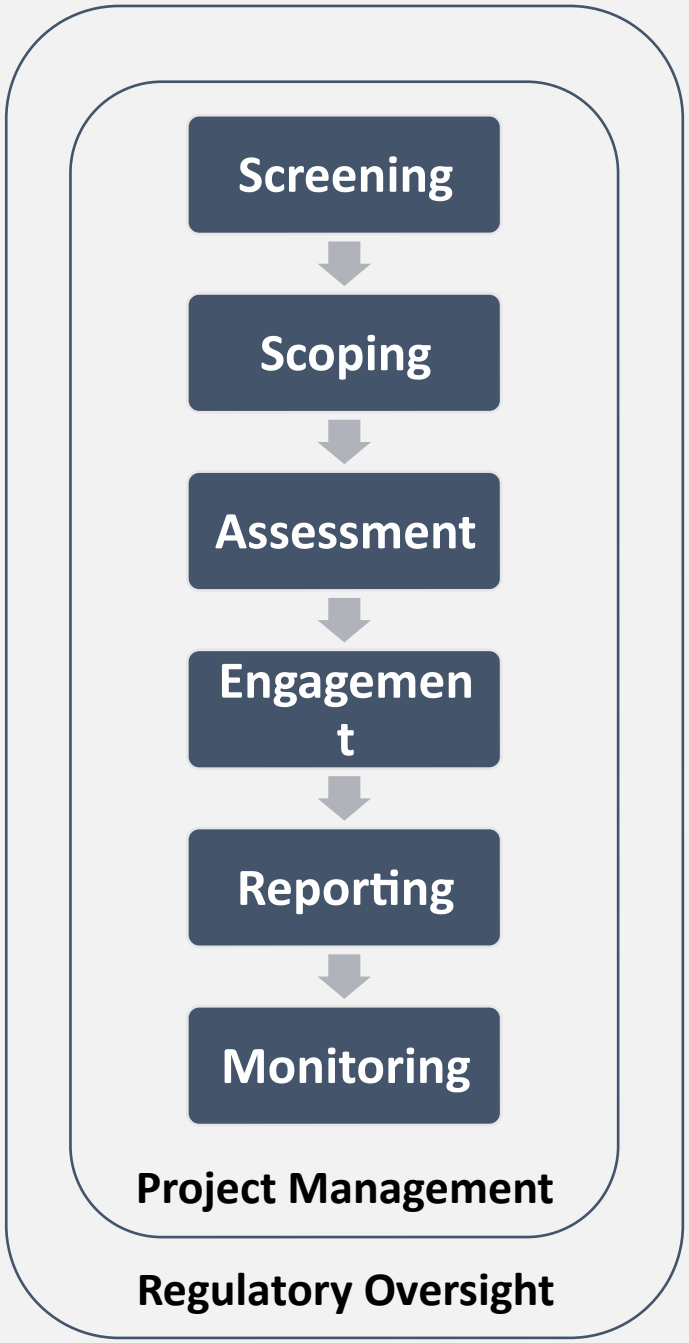
- Overlay planned developments onto real-world environments
  - Smartphone-based public engagement
  - Virtual walkthroughs
  - Immersive, interactive virtual meetings



Break-out Discussion

What technology are you using?

What other tech have you seen or heard about?

What makes you excited about applying tech?

What are you cautious or concerned about?