

UC



Presentation Skills Workshop

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**GIS
INSPIRING
WHAT'S
NEXT**



One Rule...

Never give a presentation
you wouldn't want to attend.

- *Nancy Duarte*

3D Visuals for Modeling Spatial Analysis

Story

Illustrations

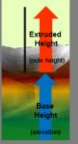
Presentation

You



Extruding Features

- ✓ Set as feature property
- ✓ Determined by geometry
 - Point → Line
 - Line → Plane
 - Polygon → Solid
- ✓ Allows different options
 - Add to base height
 - Stretch from base height



UC Demo

Publish a dynamic image service

Goal:

- 1. Create a presentation of a 3D model and publish it as a dynamic image service.
- 2. Publish the presentation as a dynamic image service.

Setup:

At the end of the demo:

- 1. Create the 3D model (based on the requirements) and the dynamic image service.
- 2. Publish the 3D model as a dynamic image service.
- 3. Create the presentation (based on the requirements) for the 3D model.
- 4. Publish the presentation as a dynamic image service.

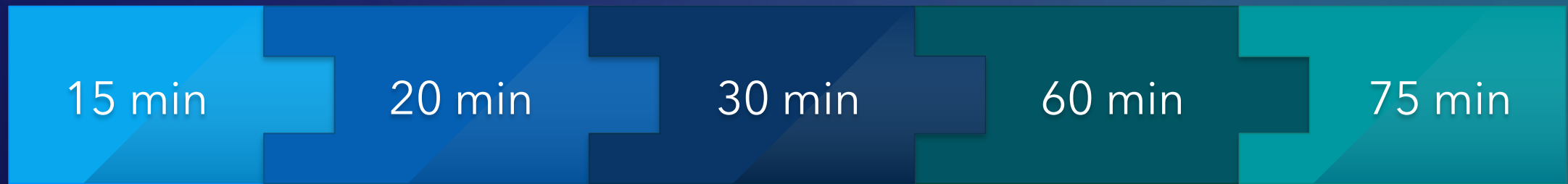
What we will cover

- Creating your story
- Effective illustrations
- Delivering your message

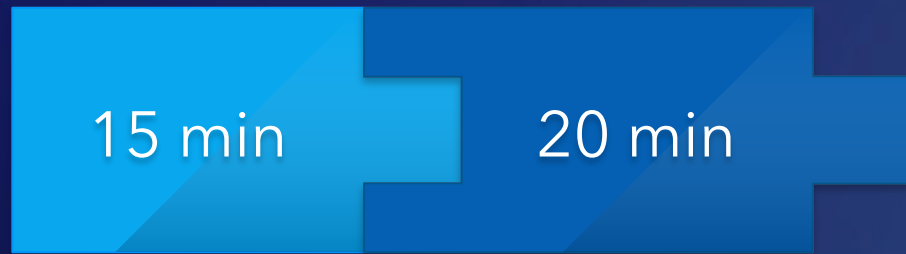
The background is a gradient of teal and blue. On the left, there are several overlapping, semi-transparent geometric shapes in shades of teal, blue, and orange. On the right, there are more complex, layered geometric shapes in teal, orange, and light green, some with a grid-like pattern. The overall aesthetic is modern and digital.

Creating your story

Reality check



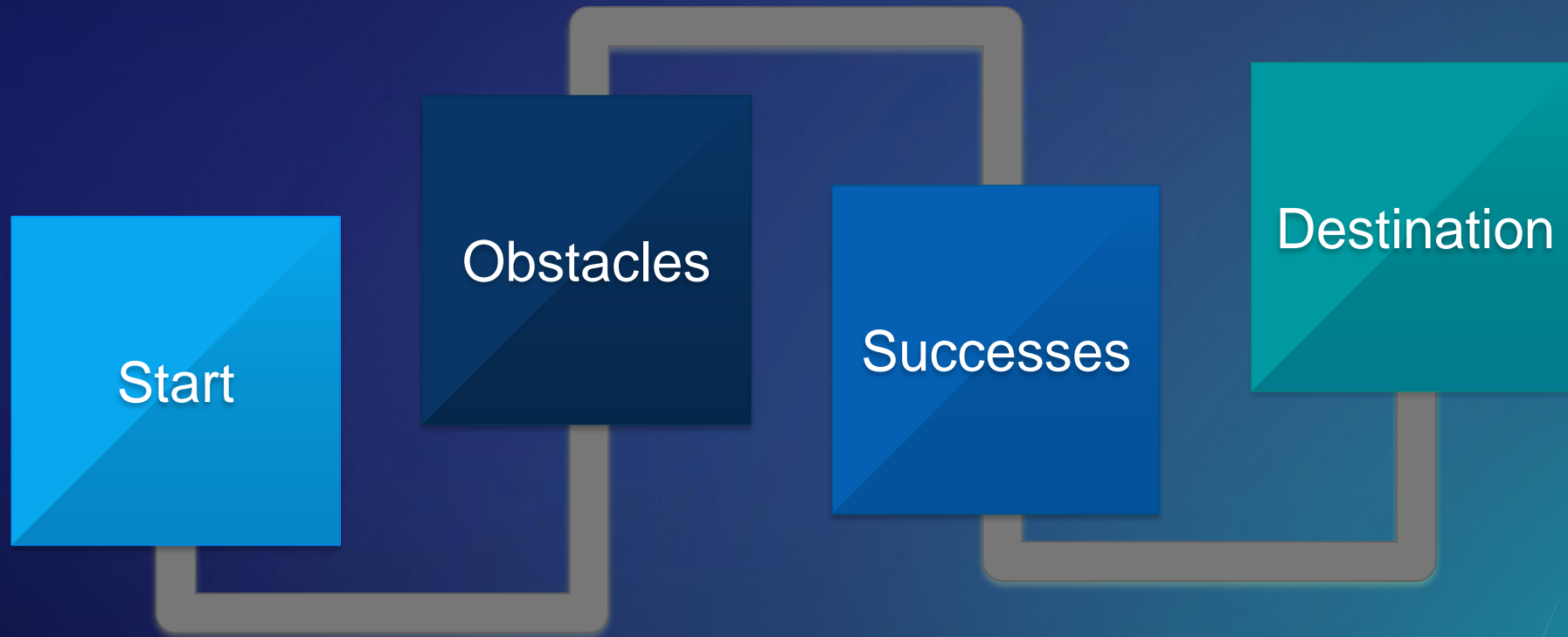
Reality check



Reality check



What makes a good story?



What story do you want to tell?



Where to start?

Start with your abstract

Determine overall message

Prioritize

3D Visuals for Modeling Spatial Analysis

Track: Analysis, Geoprocessing and Visualization

Presenter(s): **Prof. E. McSquared PhD**

Using only 2D DEM data from an actual case study of the Mount St. Helens volcano, the presenter will demonstrate how to use ArcGIS Spatial and 3D Analyst tools to create a 2D polygon feature class representing the material displaced in the massive 1980 eruption. That data set will then be rendered using ArcScene to create an interactive 3D visualization.

3D Visuals for Modeling Spatial Analysis

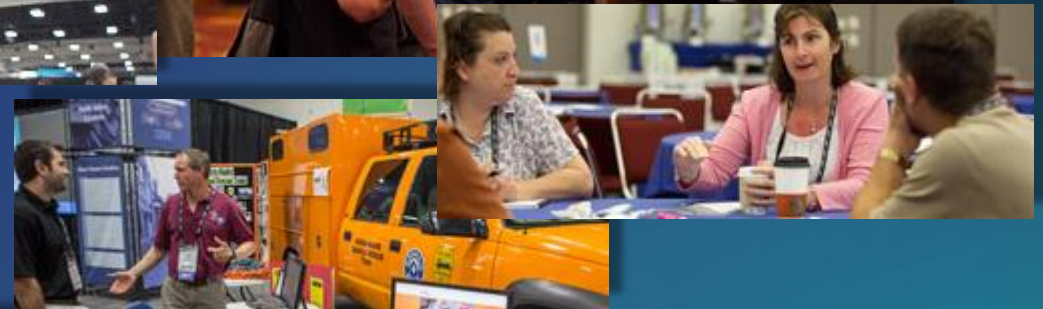
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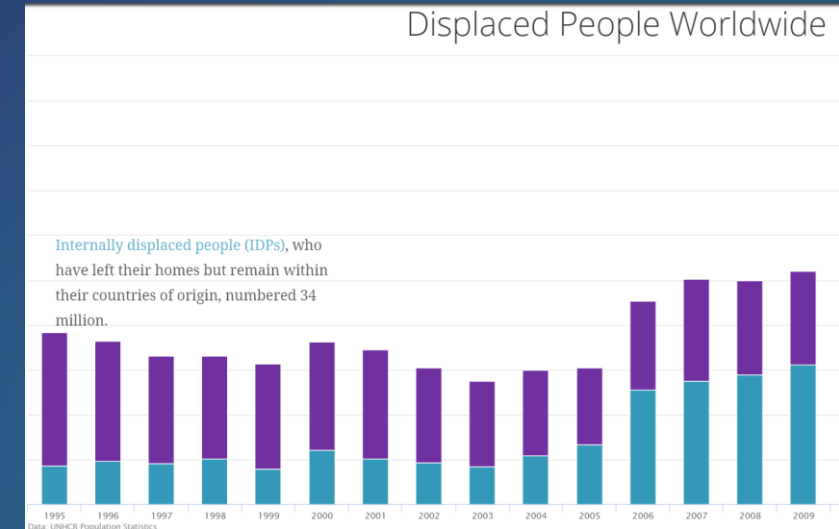
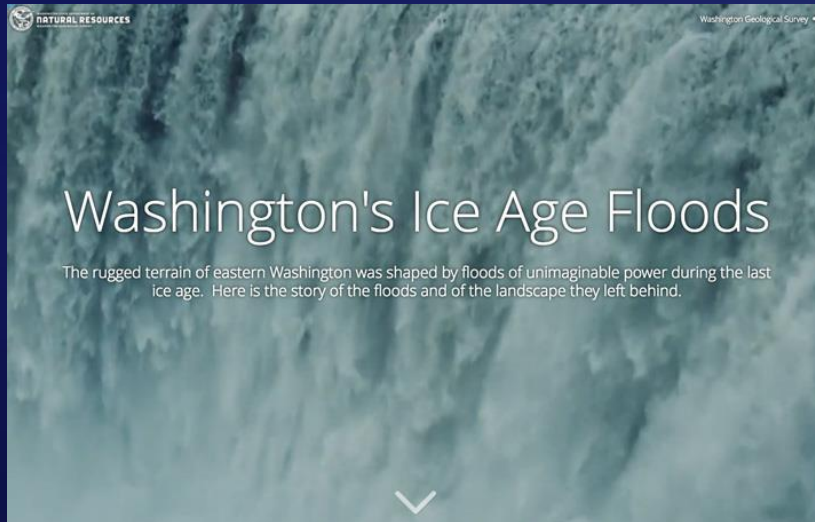
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A challenge...

- Introduce yourself to somebody new
- In 25 words... tell your story



Determine how to present





Effective illustrations

SLIDES AND DEMOS

The first step is to admit you have a problem. The second is to acknowledge your slides have become unmanageable.

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How many slides for a 15 minute presentation?

How many slides?

10/20/30

Sky's the limit!

Depends on the technology

The power of constraints

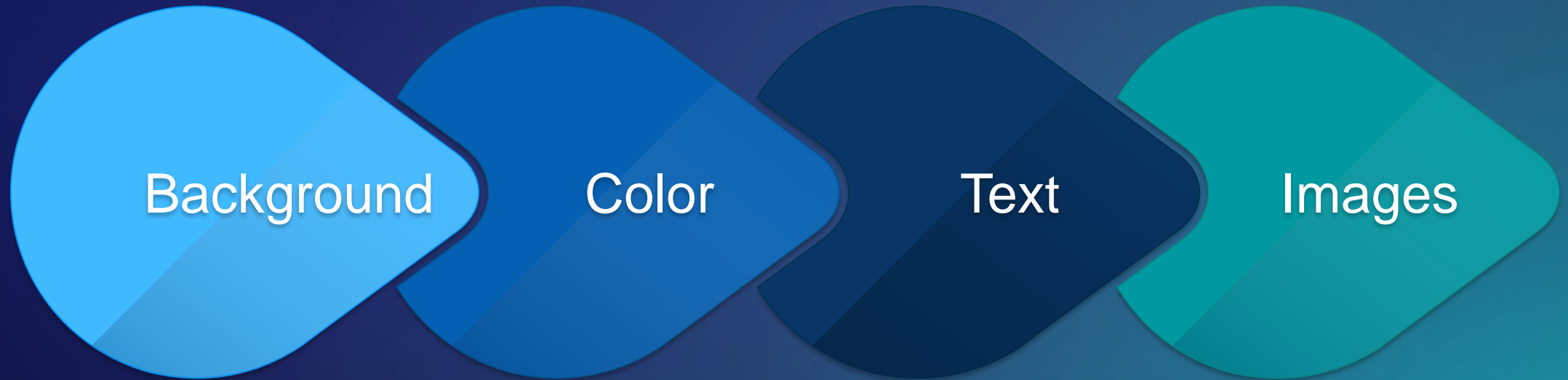
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Reduce

Reduce Record

Reduce Record Repeat

Design your slides



Create your slides



Contrast

Flow

Hierarchy

Unity

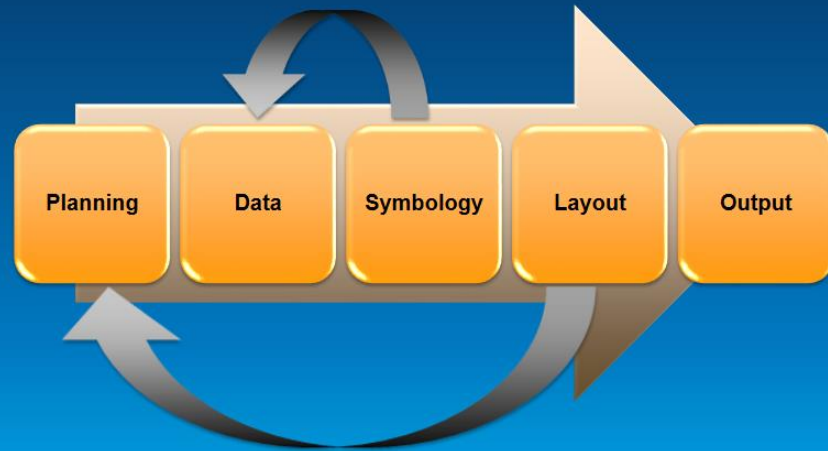
Proximity

Whitespace

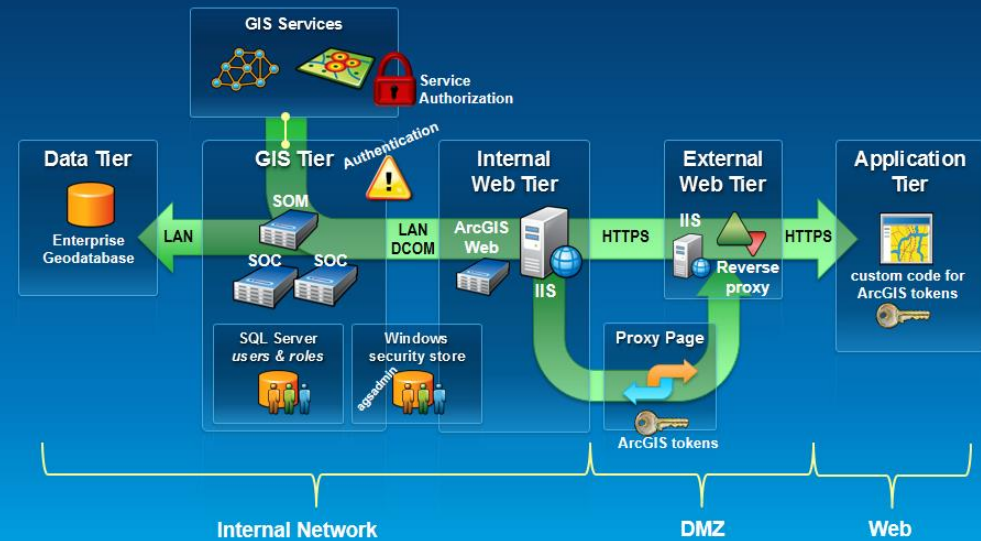
Examples - Do

Creating maps

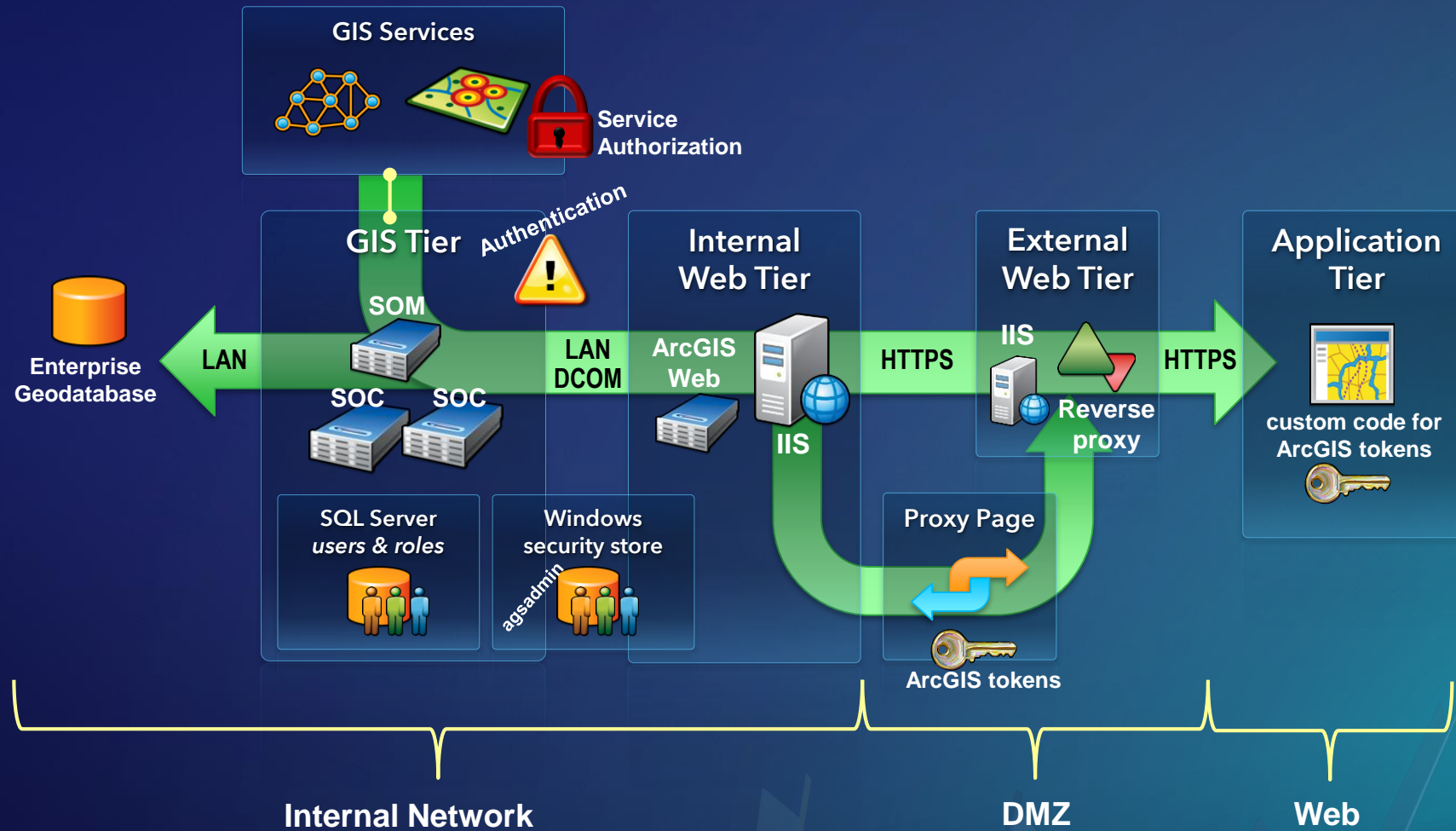
The cartographic workflow



Architecture at 10.0



Animation Example: ArcGIS Server architecture at 10.1



Data slides are not really about the data.
They are about the meaning of the data.

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Pick the right tool for the job

Slide show

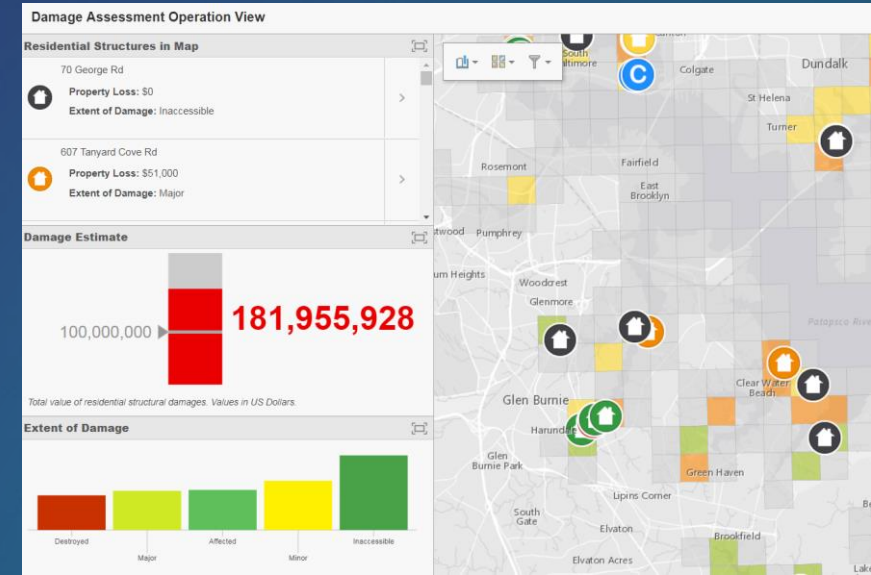
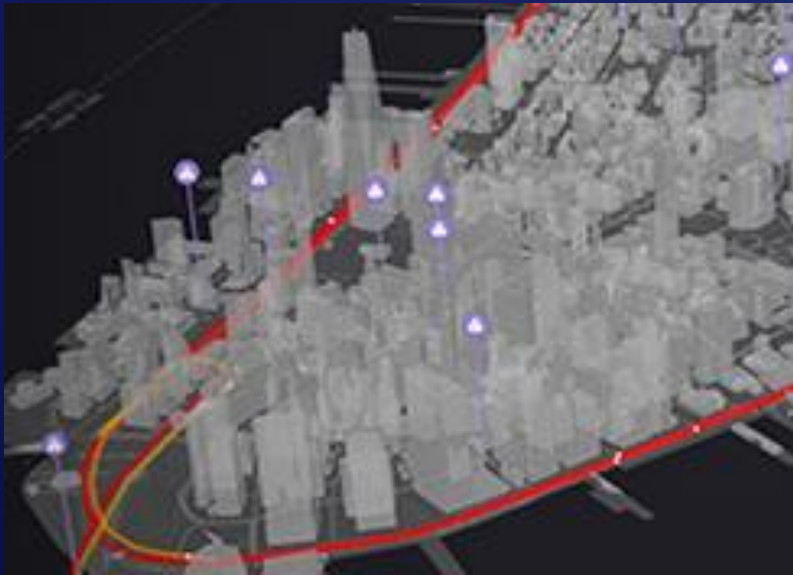
Demo

Video

Diagram

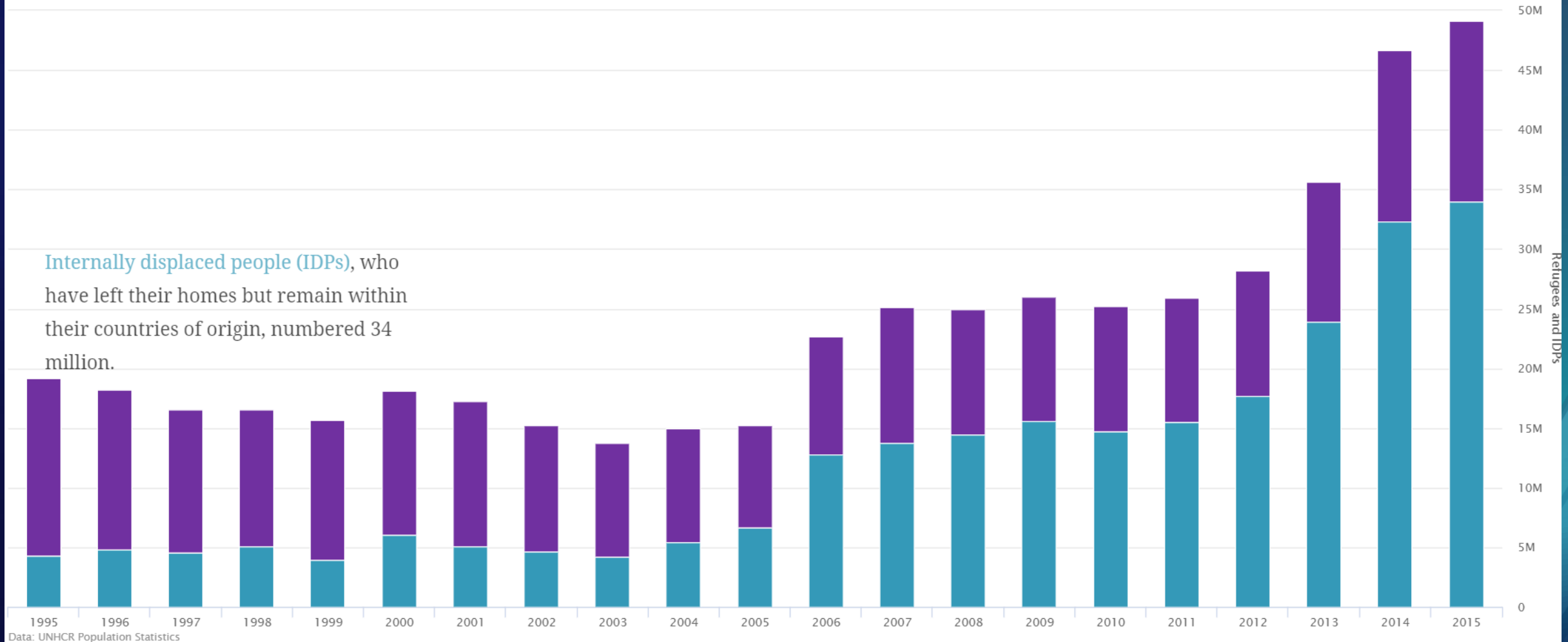
Talk

Pick the right tool for the job

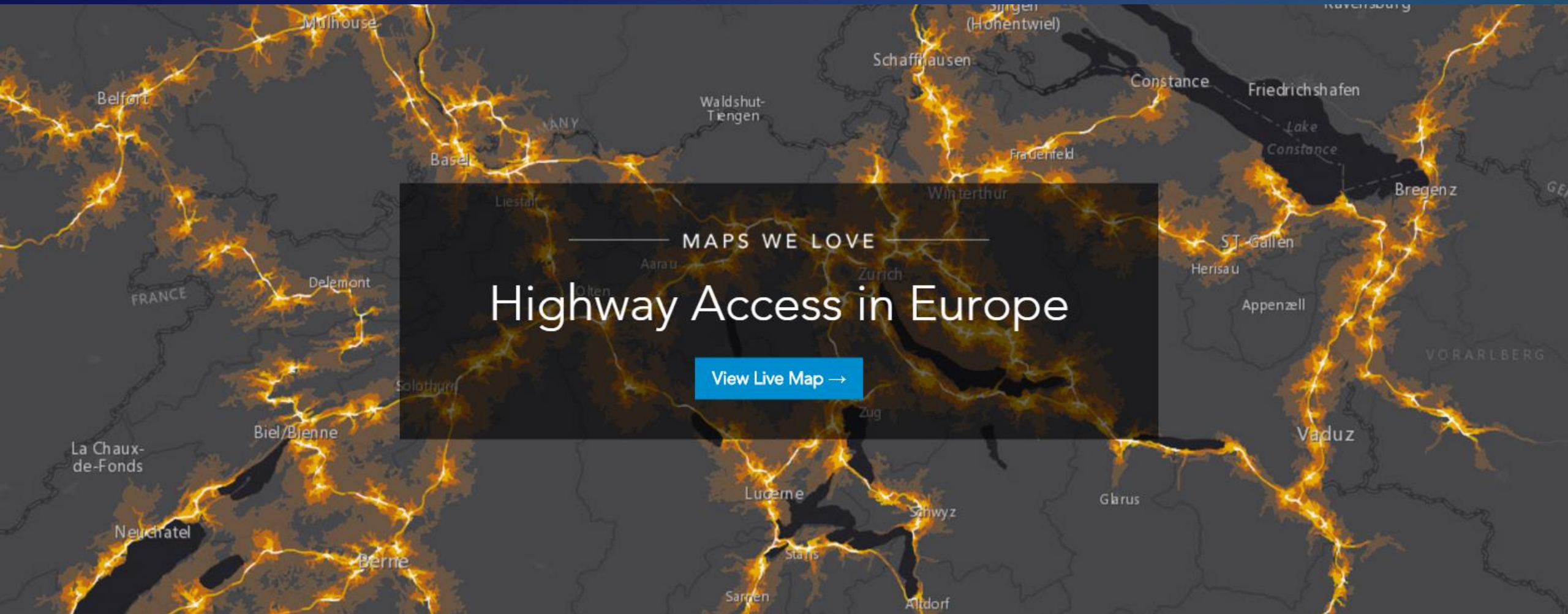


Get to the point

Displaced People Worldwide



Highlight what's important



Keep it simple

How?





Deliver your message

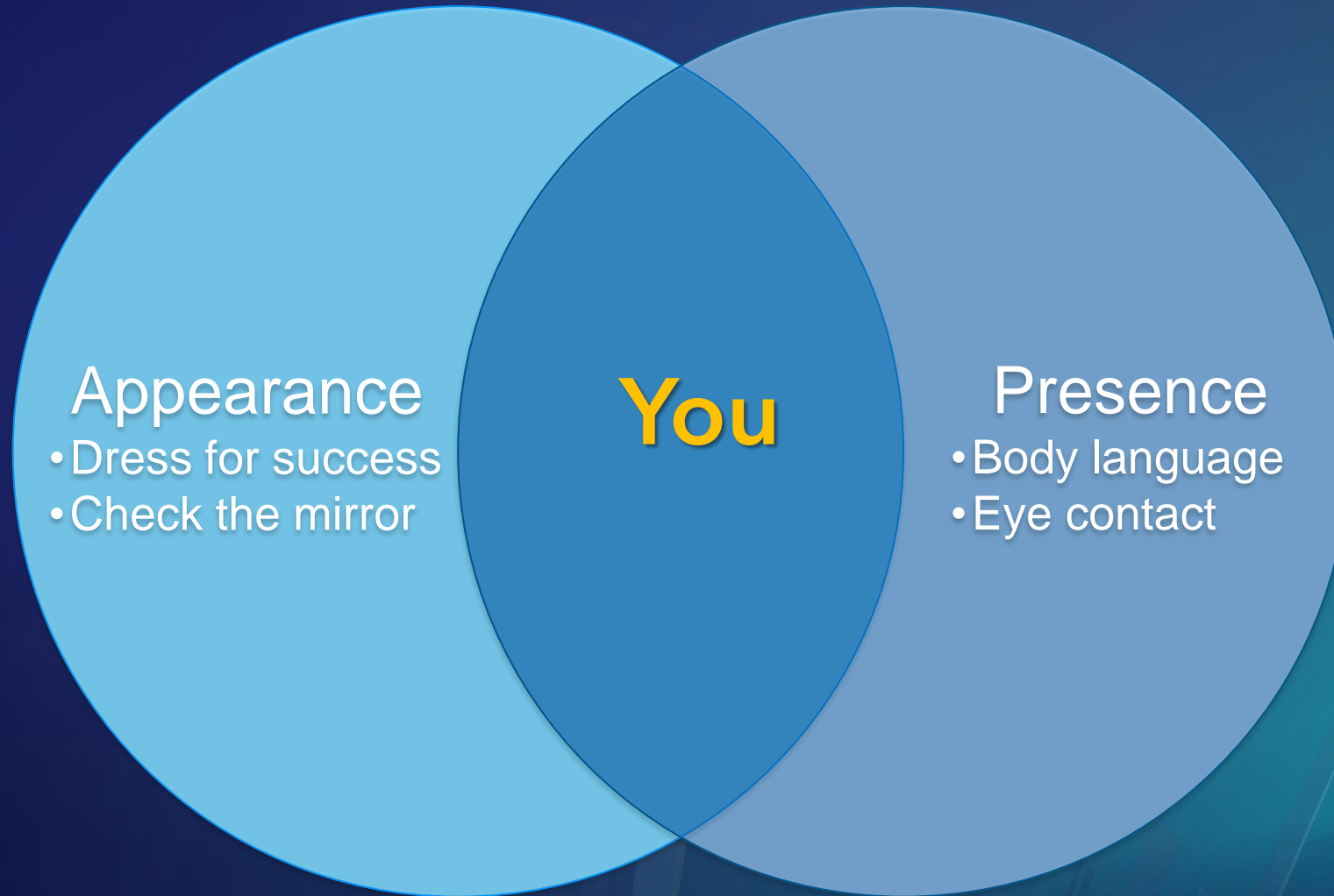
Deliver your message



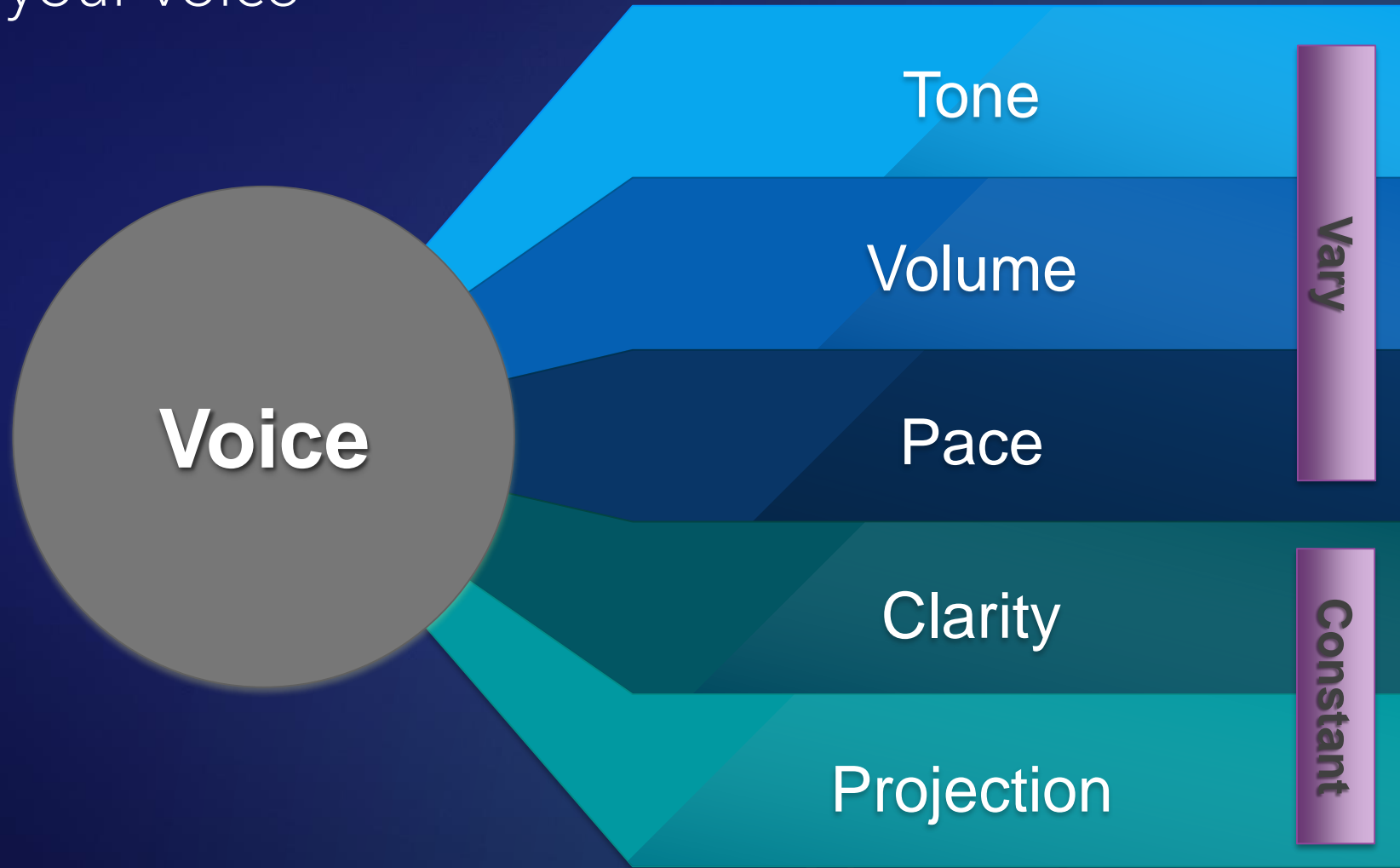
POLL: Nerves

What does nervous feel like to you?

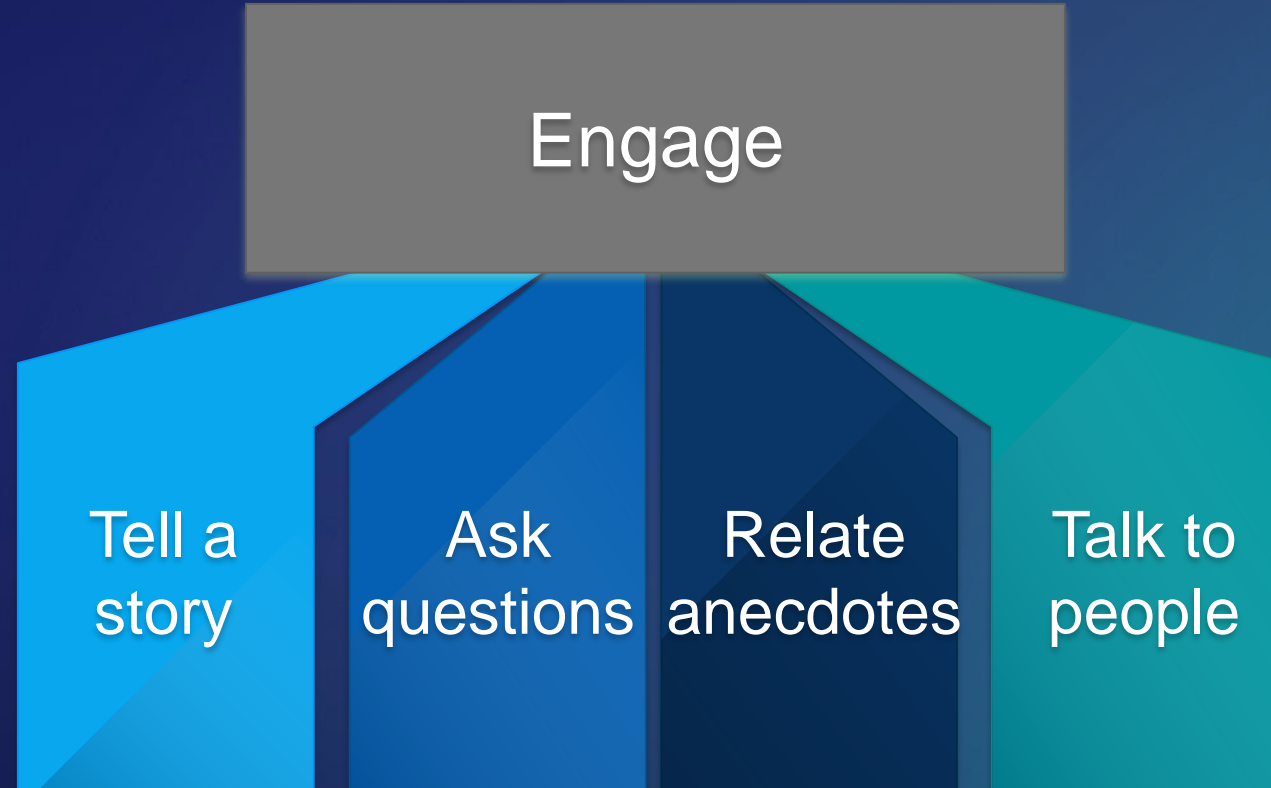
Presence and appearance



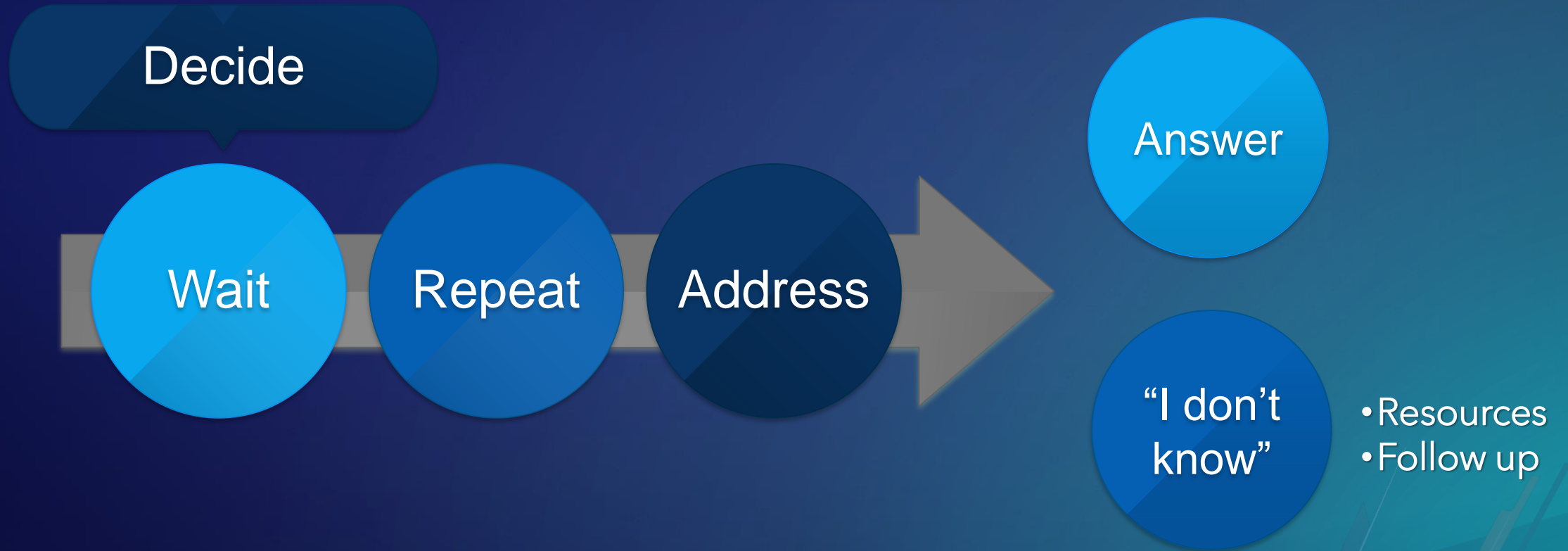
Using your voice



Connect with your audience



Handling questions



Giving your presentation

You
telling your
story

Be prepared

- Knowledge
- Practice
- Contingencies

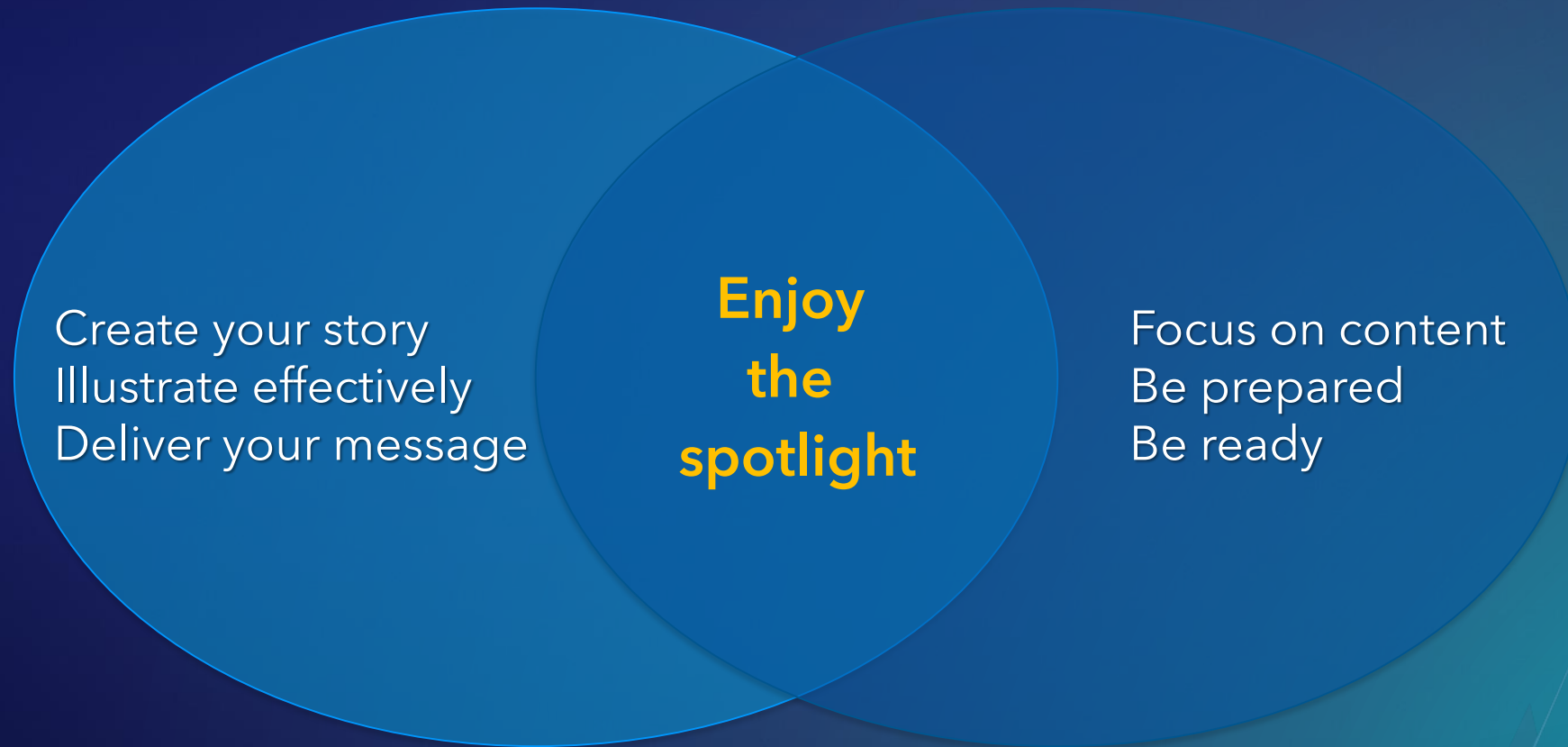
Be ready

- Address physical needs
- Breathe
- Water

Conclusion

The image features a dark teal background with a subtle grid pattern. The word "Conclusion" is centered in a white, sans-serif font. In the top-left corner, there are several overlapping, diagonal lines in shades of teal, blue, and red. In the bottom-right corner, there is a complex graphic consisting of various colored rectangles (orange, teal, dark blue) and a red grid pattern, all arranged in a dynamic, overlapping fashion.

Telling your story

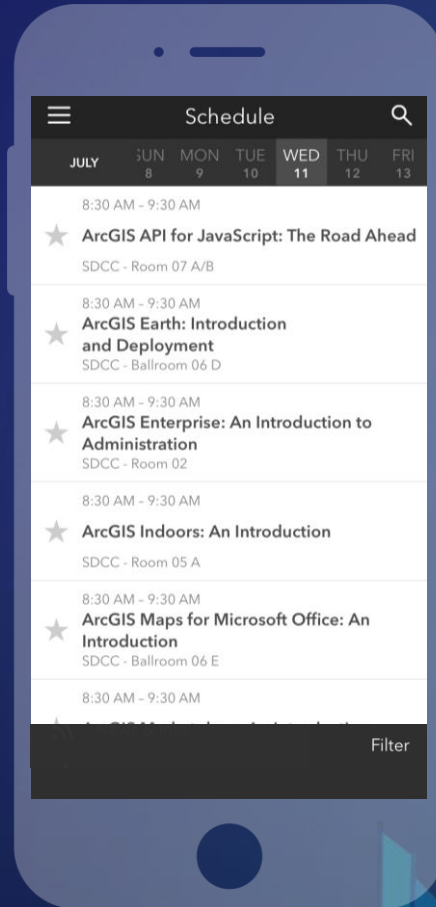


Please Take Our Survey on the App

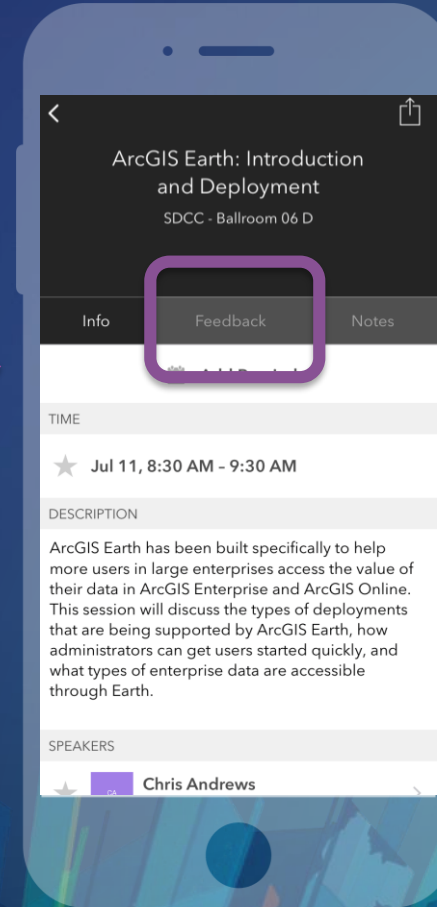
Download the Esri Events app and find your event



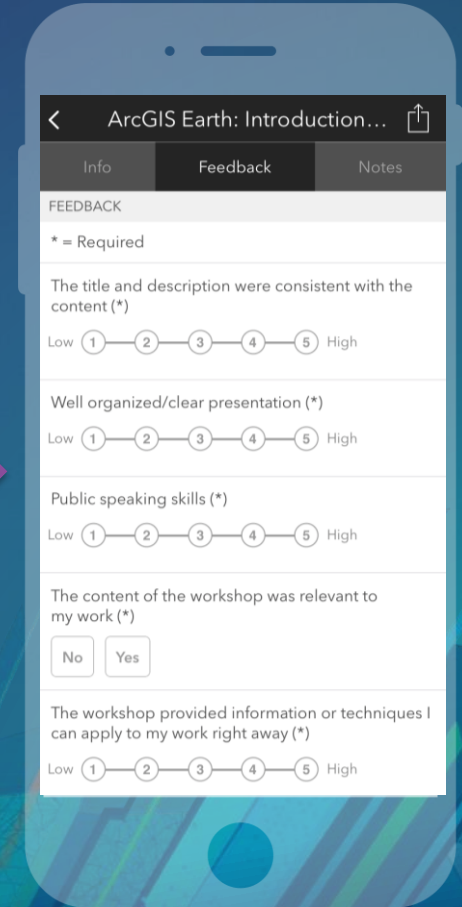
Select the session you attended



Select the Feedback tab



Complete answers and select "Submit"





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THE
SCIENCE
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WHERE