

Two Big Ideas

Accessibility is **everyone's** job



Progress over perfection

Digital Engagement Accessibility Toolkit



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On Language

- "Disability" and "disabled" are NOT dirty words!
 - Avoid euphemisms ("different abilities", "special needs")
- Person First Language vs. Identity First Language
 - A person with disabilities
 - A disabled person
- Non-apparent disability (rather than "invisible")
- Non-disabled (rather than "able-bodied")



JUST ASK!

Why Accessibility Matters

- **ASTC's mission:** Increasing understanding of, and engagement with, science and technology among **all people**
- Welcome **all people**
 - 1 in 4 people in the US is disabled
- Anyone can become disabled at any time
- Best practice for all learners
 - Curb-cut effect

Preparing an Accessible Conference Presentation

- Create and share materials in advance
- Use Cadmium *before* the conference starts



Slides



Agendas & Handouts



Discussion Questions

Presenting and Attending Sessions

- General practices, accessibility is not one-size-fits-all
- Don't assume the needs of your audience
- Don't be afraid to speak up as an audience member

Reading Order in PowerPoint

- ▶ Important for screen readers
- ▶ Text and alt text order
- ▶ Slide numbers, objects

Screen Reader

Set the reading order

Place objects in a meaningful order so screen reader users can understand the slide.

[Learn more](#)

[Got it](#)

Accessibility

Inspection Results

warnings

- ▼ Check reading order
 - Slide 1
 - Slide 2
 - Slide 3
 - Slide 4
 - Slide 5
 - Slide 6
 - Slide 7
 - Slide 9
 - Slide 14
 - Slide 17

Intelligent Services

Keep accessibility checker running while I work

Additional Information

[Read more about making documents accessible](#)

Live Captioning in PowerPoint

- ▶ Not perfect (but progress!)
- ▶ Stand where your computer can pick up your voice
- ▶ Internet connection required
- ▶ Practice with captions in advance

ASTC 2024 Accessibility and Conference Presentations

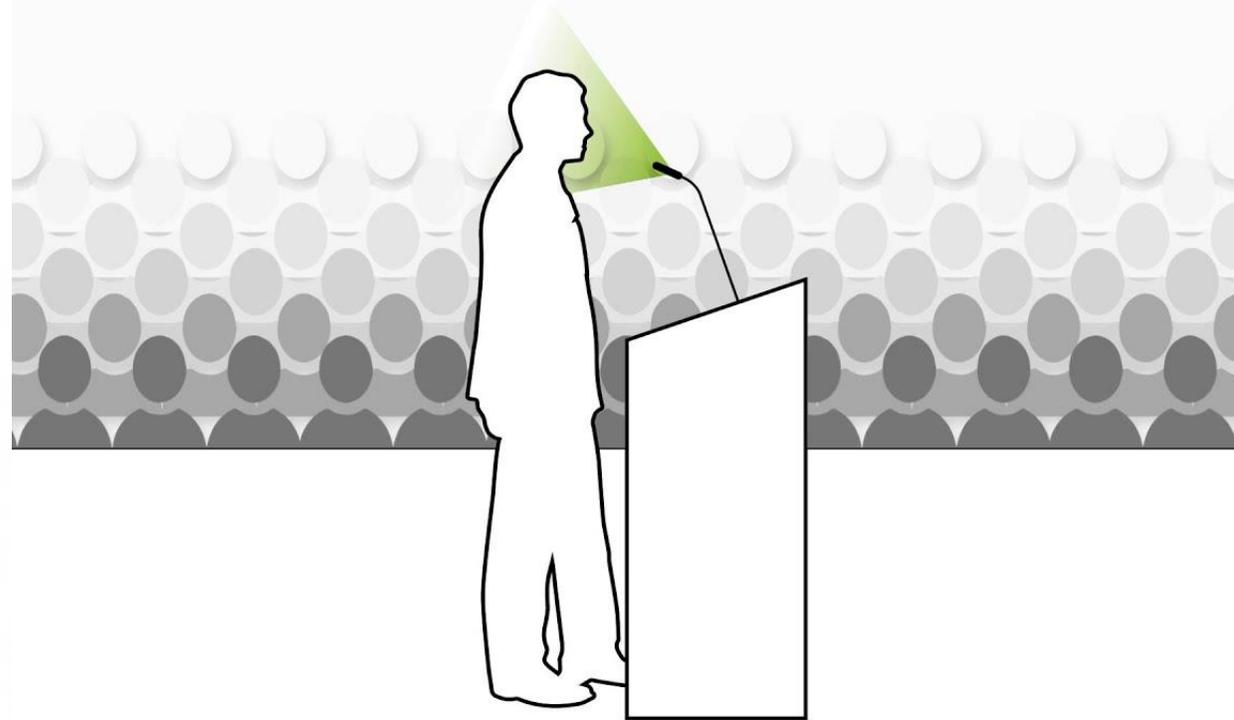


So these are captions generated through PowerPoint.

Begin with your **audience** in mind.

- Anticipate the broad range of backgrounds, abilities and experience that will be represented in the room for your session
- Consider how you can set norms for engagement in light of who could be in your session and what their needs are.
- Use accessible standards for PowerPoint slides

Use the TOOLS you have



Fonts Matter

Il1

Verdana

Il1

Droid Sans

Il1

FF Meta

il1

National

Il

Heinemann

Il1

Avenir

Il1

Futura

Il1

Gotham

Il1

Benton Sans

Il1

Helvetica

Il

Gill Sans

il1 test

Il

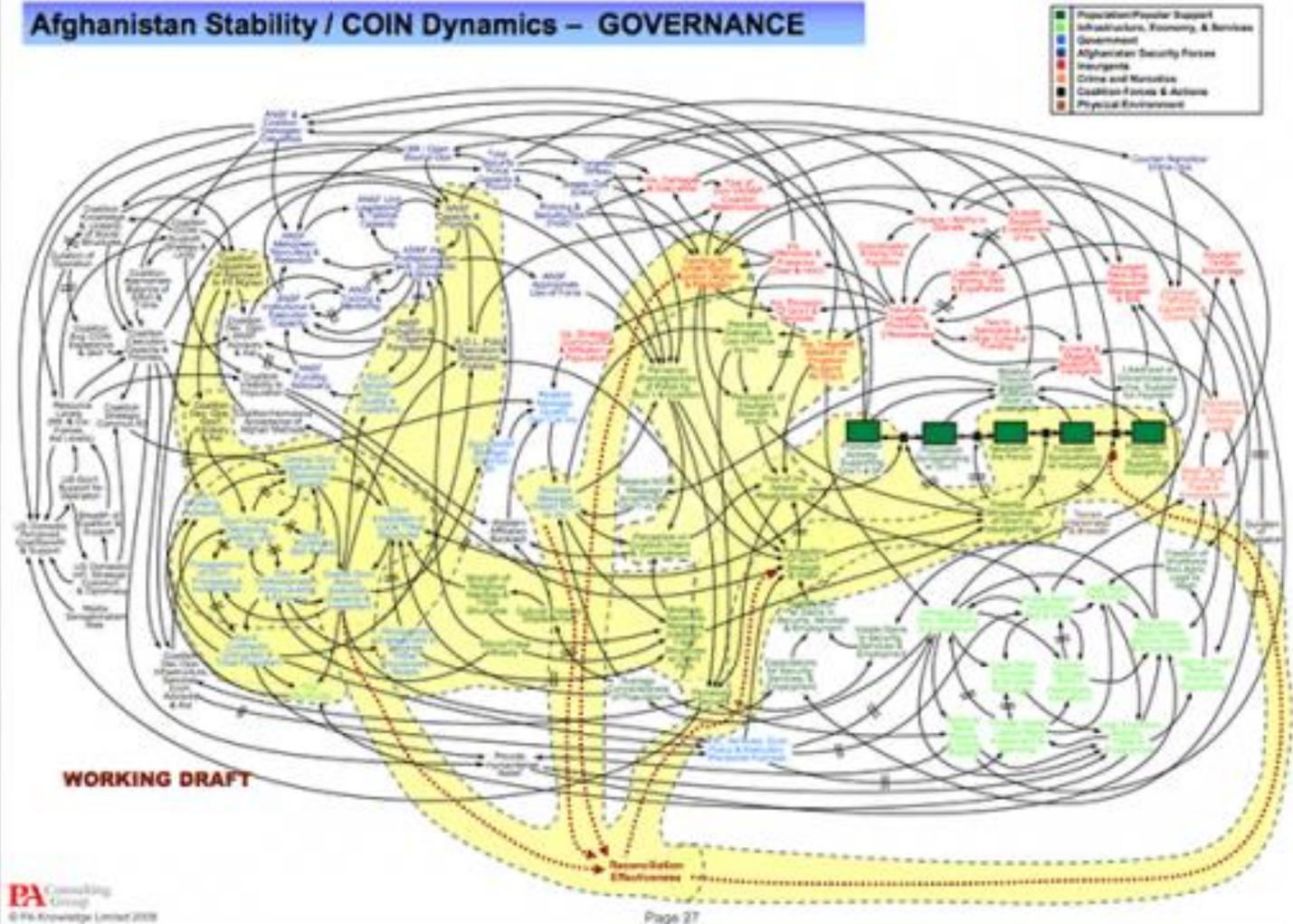
Proxima
Nova

Avoid death by Slide

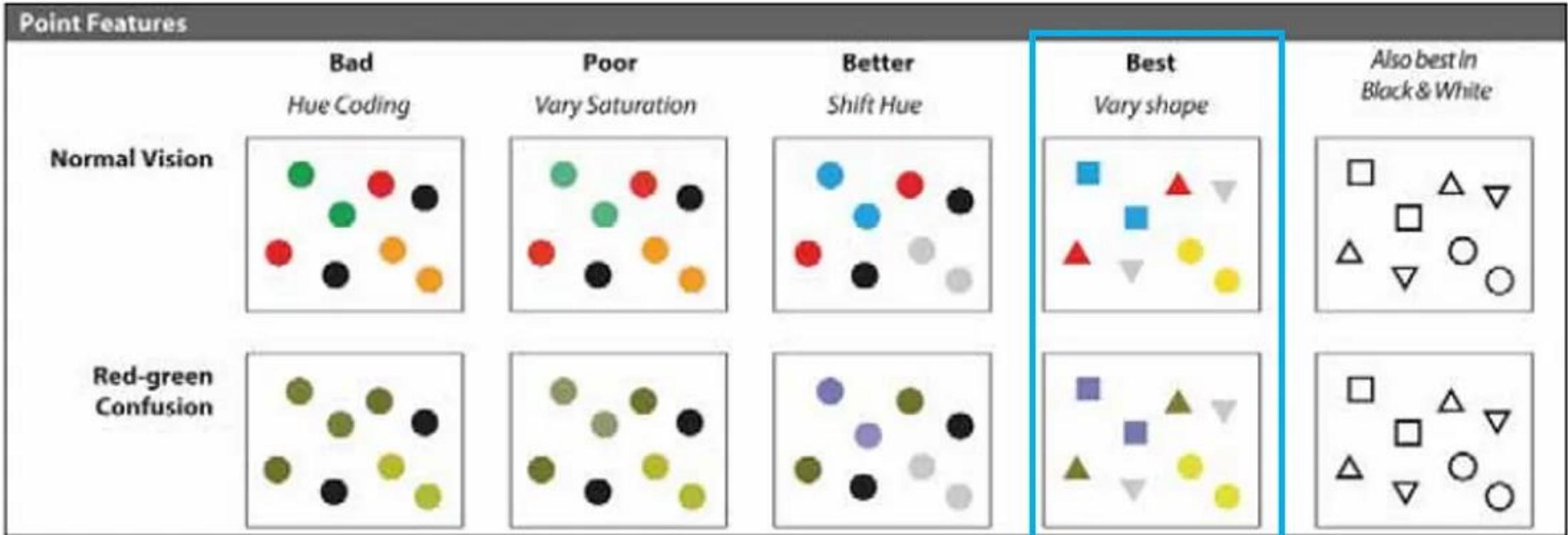
Do not create slides with tons of text .

Do not read every word on slides.

Use slides to give context and summary.



Presentation Images and Charts



Presentation Images and Charts (1 of 2)



Make the Words Legible



Make the Words Legible

Using Images and Alt-Text

- ▶ 3 Primary Types
 1. **Standard:** Less than 250 characters, conveys the purpose of the image
 2. **Short description:** More than 250 characters, conveys the purpose of the, image is more complex
 3. **Long description:** Can be as long as you need, used for complicated graphics (e.g. infographics) or charts

Writing standard alt text



- Describe what is in the image.
- Concise and Complete
- Do not say “image of”

A green, purple, and orange stained-glass lamp with dragonflies on a curved bronze base.