

Why a decision support tool?

How the City of Philadelphia identifies, analyzes, and prioritizes its public safety investments

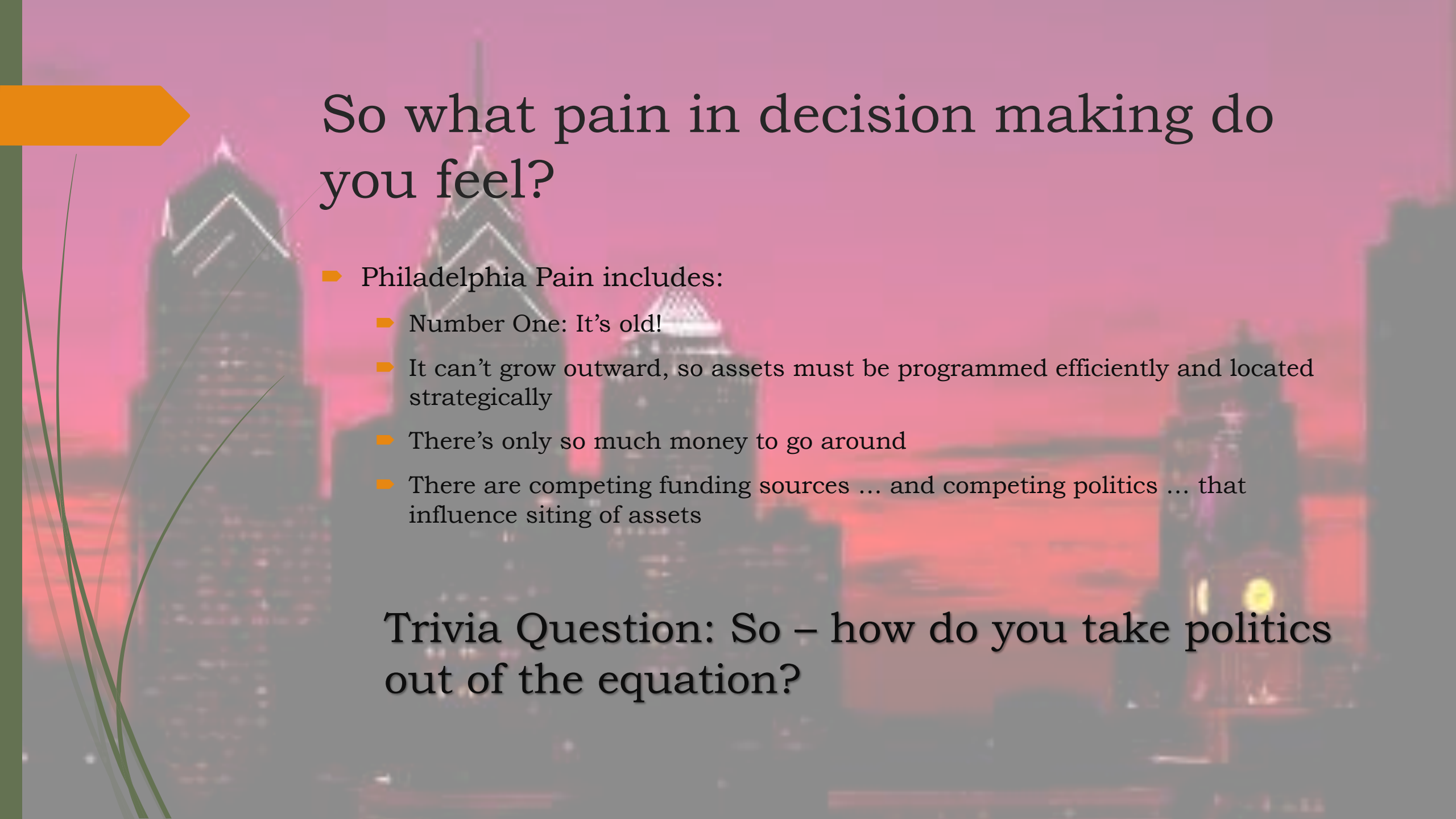


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A background image of the Philadelphia skyline at sunset, with a warm orange and red sky. The Independence Bell is visible on the right. An orange arrow points from the left edge towards the title.

Asset Intelligence Efforts in the City of Philadelphia

- ▶ IWAMS, Integrated Workplace Asset Management System
- ▶ InVision, a Move and Space Management System
- ▶ **Public Safety Facilities Management GIS-based decision Support Tool**
- ▶ Trust for Public Land Smart Cities Effort
- ▶ 5G Siting Efforts

A background image of the Philadelphia skyline at sunset, with the Comcast Center and other skyscrapers silhouetted against a pink and orange sky. A yellow arrow points from the left edge towards the main text.

So what pain in decision making do you feel?

- ▶ Philadelphia Pain includes:
 - ▶ Number One: It's old!
 - ▶ It can't grow outward, so assets must be programmed efficiently and located strategically
 - ▶ There's only so much money to go around
 - ▶ There are competing funding sources ... and competing politics ... that influence siting of assets

Trivia Question: So – how do you take politics out of the equation?



Trivia Answer:

You can't! But...

- ▶ You can minimize the impacts by creating a good model for decision support
- ▶ You can use your knowledge of real world circumstances to your advantage
- ▶ You can deliver a solution that provides executives and stakeholders with a “sober, disinterested advice” approach
- ▶ There's no guarantee that they'll actually take it!



Public Safety Facilities Management GIS-based Decision Support Tool

- ▶ **Helps Police and Fire Departments determine capital investments**
- ▶ **Multivariate, Statistically validated tool to determine best use in multiple scenarios**
- ▶ **Adjustable based on newly developing circumstances**
- ▶ **The Tool Demo**



Conclusion

- ▶ **Asset Intelligence in the City focuses on:**
 - ▶ **Knowing where assets are and what is spent on them**
 - ▶ **Using that knowledge to guide investment decisions in a more apolitical environment**
 - ▶ **Working with internal and external stakeholders, asset intelligence can be distributed and utilized for economic, environmental and sustainable goals.**