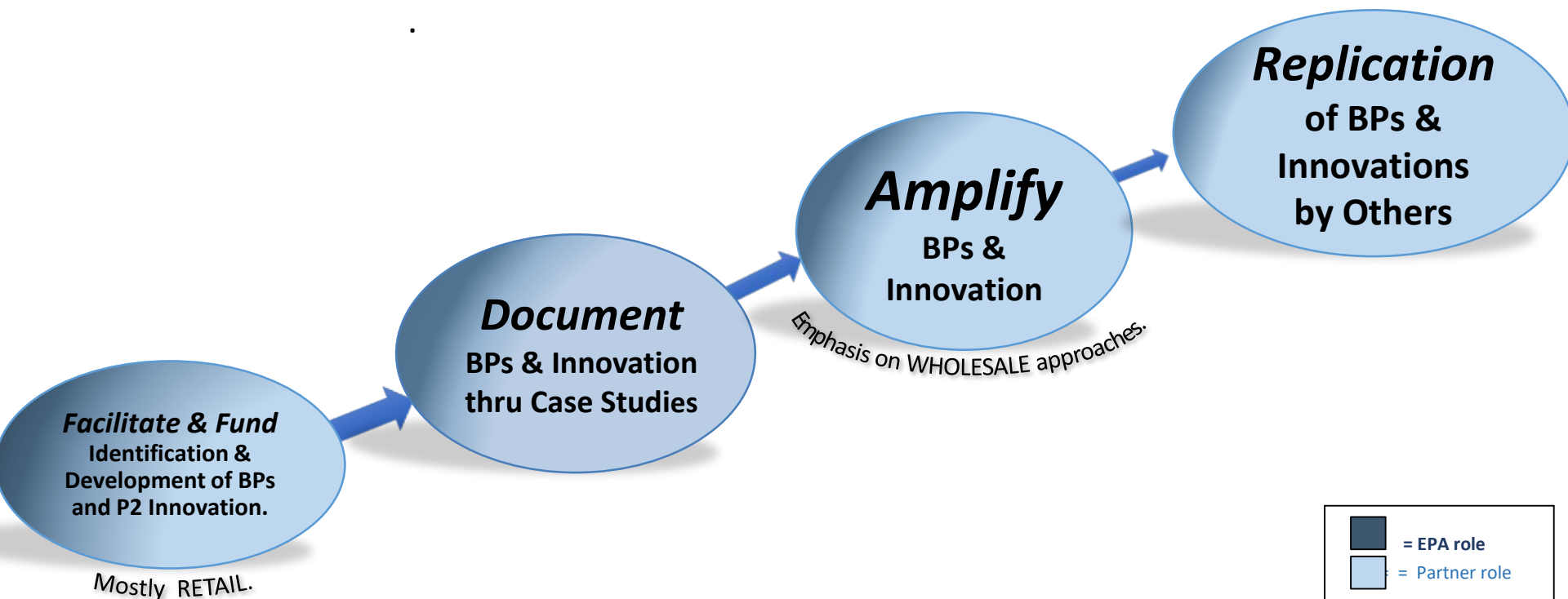




P2 Evidence-Based Data for Outreach

Chemistry, Economics, and Sustainable Strategies Division
Office of Chemical Safety and Pollution Prevention

BACK TO THE STRATEGIC APPROACH





EPA TO TAP COMMUNICATIONS

- It's all about the Measures/Volume - NOPE
- It's all about best practices, yes-ish
- It's all about innovation, yes-ish
- It's about:
 - Learning
 - Leveraging



EPA TOOLS: WHY USE THEM?

- Targeting for P2 assistance
- Targeting for P2 case studies
- Research prior to visit: the EPA picture
- Finding a plant for innovation pilot?
- Others?



SPOILING THE BOTTOM LINE

Subsector	Top Chemicals Released
Animal Food	Ammonia, Nitrate Compounds, Acetaldehyde
Grain/Oilseed Milling	n-Hexane, Hydrochloric Acid, Barium Compounds
Sugar and Confectionery	Ammonia, Methanol, Nitrate Compounds
Fruit and Vegetable	Nitrate Compounds, Nitric Acid, Ammonia
Dairy	Nitrate Compounds, Nitric Acid, Toluene
Meats	Nitrate Compounds, Ammonia, Sodium Nitrate
Seafood	Ammonia, Chlorodifluoromethane, Nitrate Compounds
Bakeries and Tortillas	Ammonia, Sulfuryl Fluoride, Sulfuric Acid
Other Food	Nitrate Compounds, Methanol, Hydrochloric Acid
Animal Food	Ammonia, Nitrate Compounds, Acetaldehyde



DEMOS

- ECHO
- Envirofacts
- Qliksense



QUESTIONS?

- Links

- <https://echo.epa.gov/>
- <https://www3.epa.gov/enviro/>
- [https://qlikviz.epa.gov/extensions/TRI P2 Food Manufacturing/TRI P2 Food Manufacturing.html](https://qlikviz.epa.gov/extensions/TRI_P2_Food_Manufacturing/TRI_P2_Food_Manufacturing.html)

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