



Shell Pennsylvania Chemicals Project and Sustainability Update

PENNSYLVANIA SENATE COMMUNITY ECONOMIC AND
RECREATIONAL DEVELOPMENT COMMITTEE

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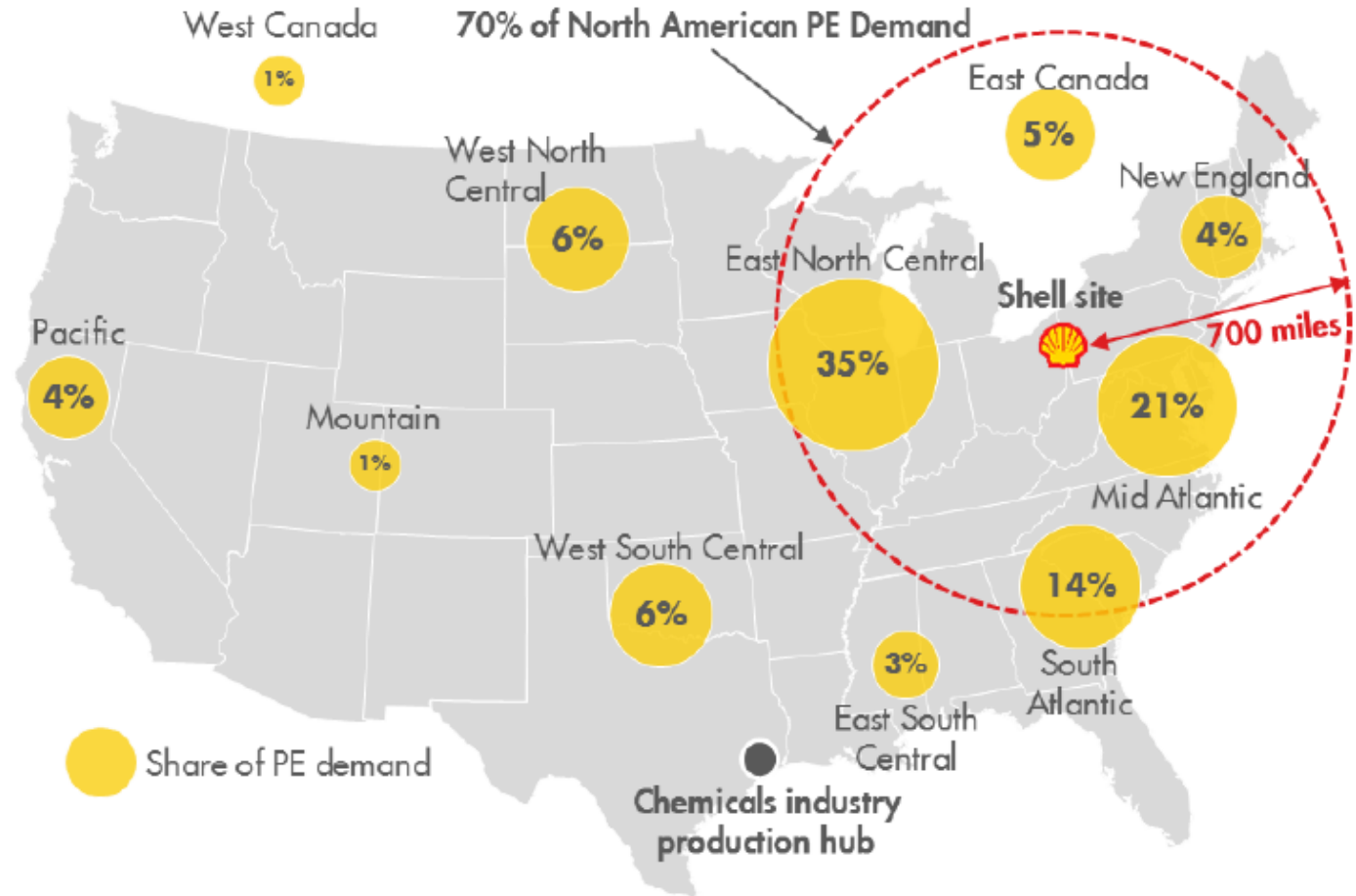
About the Shell Pennsylvania Chemicals Project



Why Western PA?

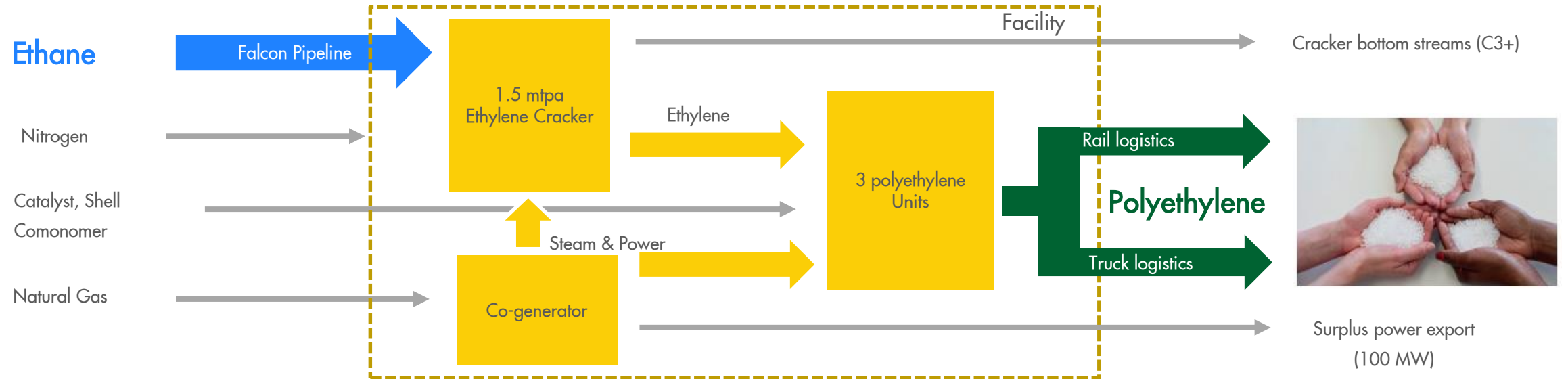
Shell's Plant in Beaver County

- Local supply of ethane
- Local conversion to Polyethylene
- Marketed to regional PE users
- Access to rail, river and Interstate





Pennsylvania Chemicals



October 2014



Mid-2017



May 2020



Managing Through COVID-19

2

Early January – All Site Workers Tested - <2% positivity



Meeting Sustainability Challenges

3

SHELL CHEMICALS AND SUSTAINABILITY

Our sustainability agenda is focused on two broad goals, to reduce plastic waste and to reduce the carbon footprint of our petrochemical products.

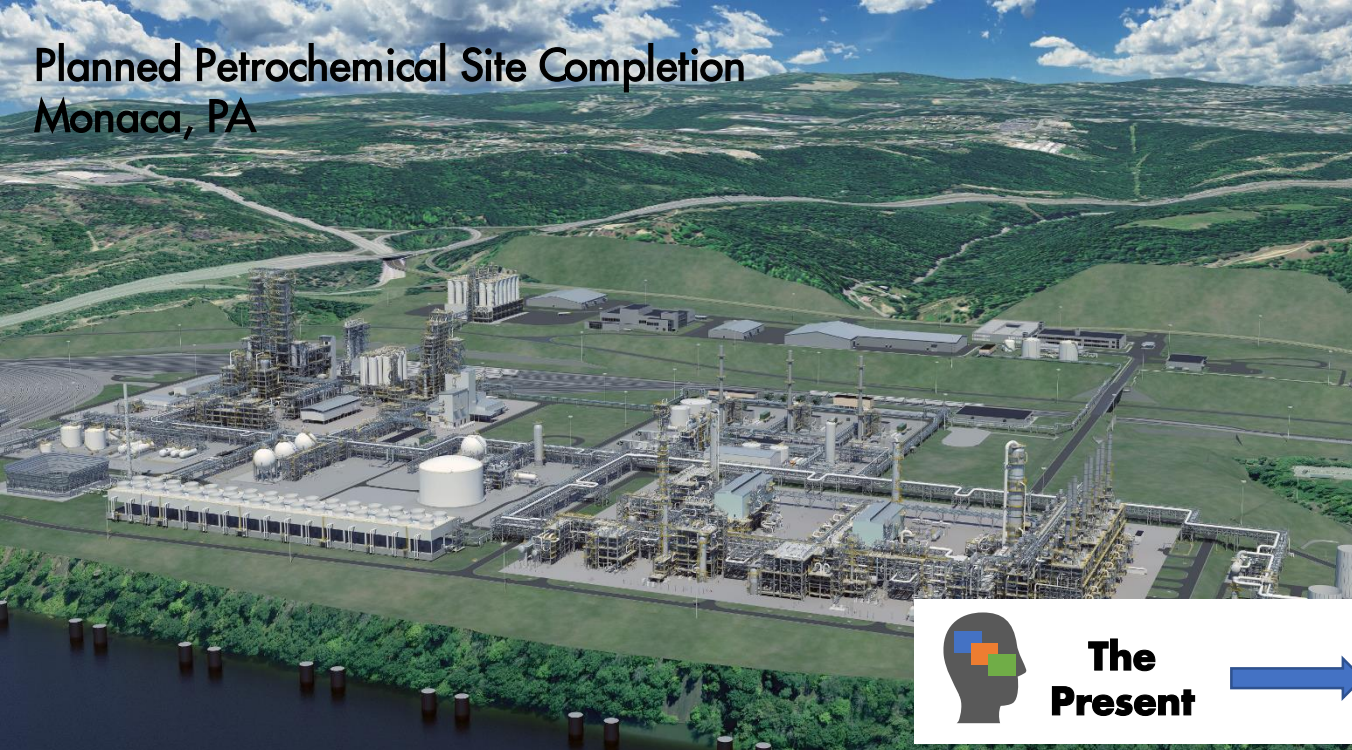
PLASTICS WASTE

- We are finding new ways to recycle plastic waste into innovative products.
- In 2019, we announced our ambition to use **one million tonnes** of plastic waste as feedstock at our chemical plants by 2025. This is an important step towards building a circular economy by using plastic waste to produce chemicals, which can be used to make plastics again.
- The first plant to do this was **Norco in Louisiana, USA**. Our intention is to scale up the technology and deploy it at our chemical plants in North America, Europe and Asia, gradually achieving world-scale production by 2025.
- We are a founding member of the **Alliance to End Plastic Waste**, which plans to invest about \$1.5 billion over the next five years to help end plastic pollution in the environment.

CARBON REDUCTION



Planned Petrochemical Site Completion
Monaca, PA



**The
Present**



**The
Future**



Drone Technology



