

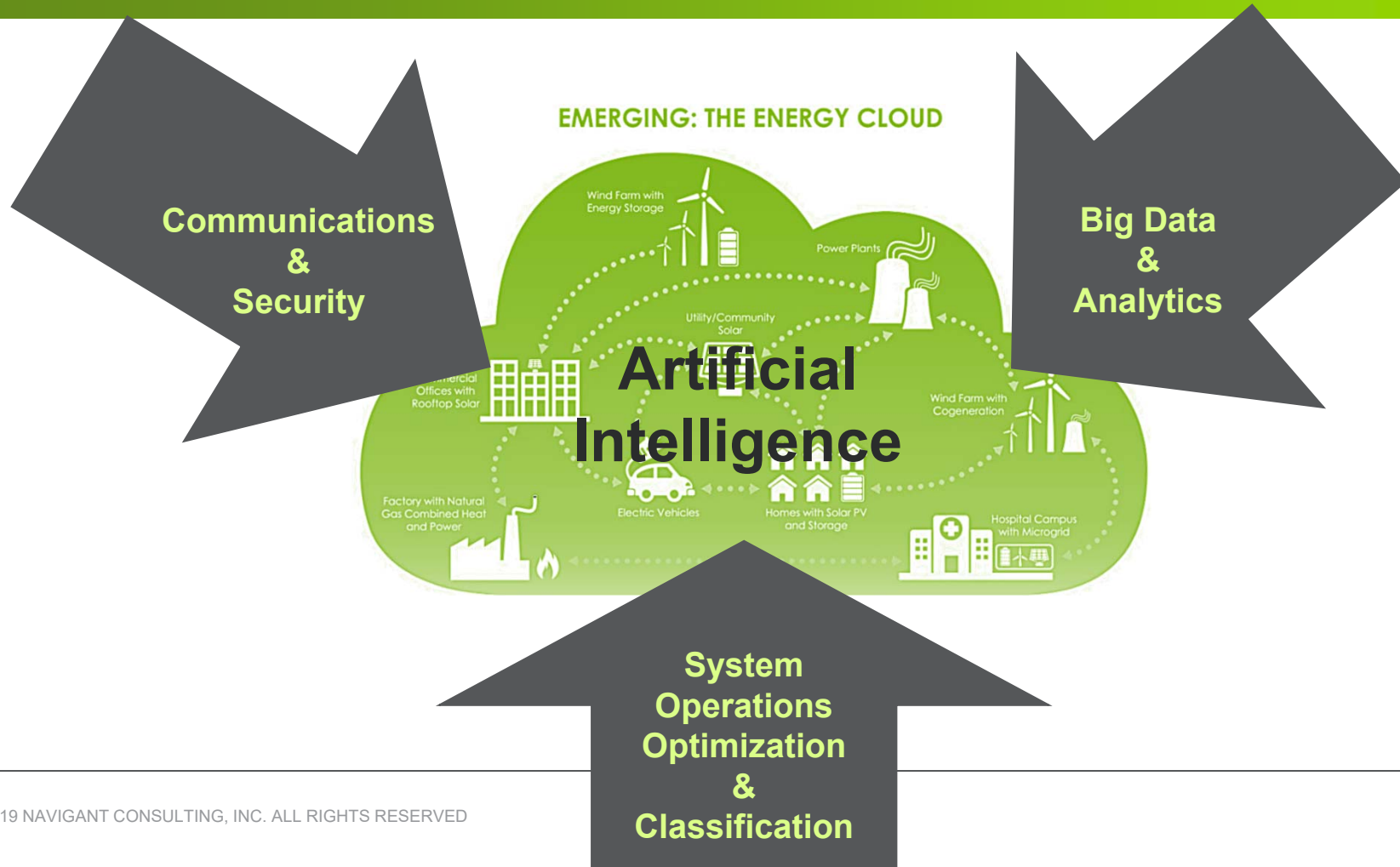


AI IN THE UTILITIES INDUSTRY

WICE 2019 SPRING CONFERENCE

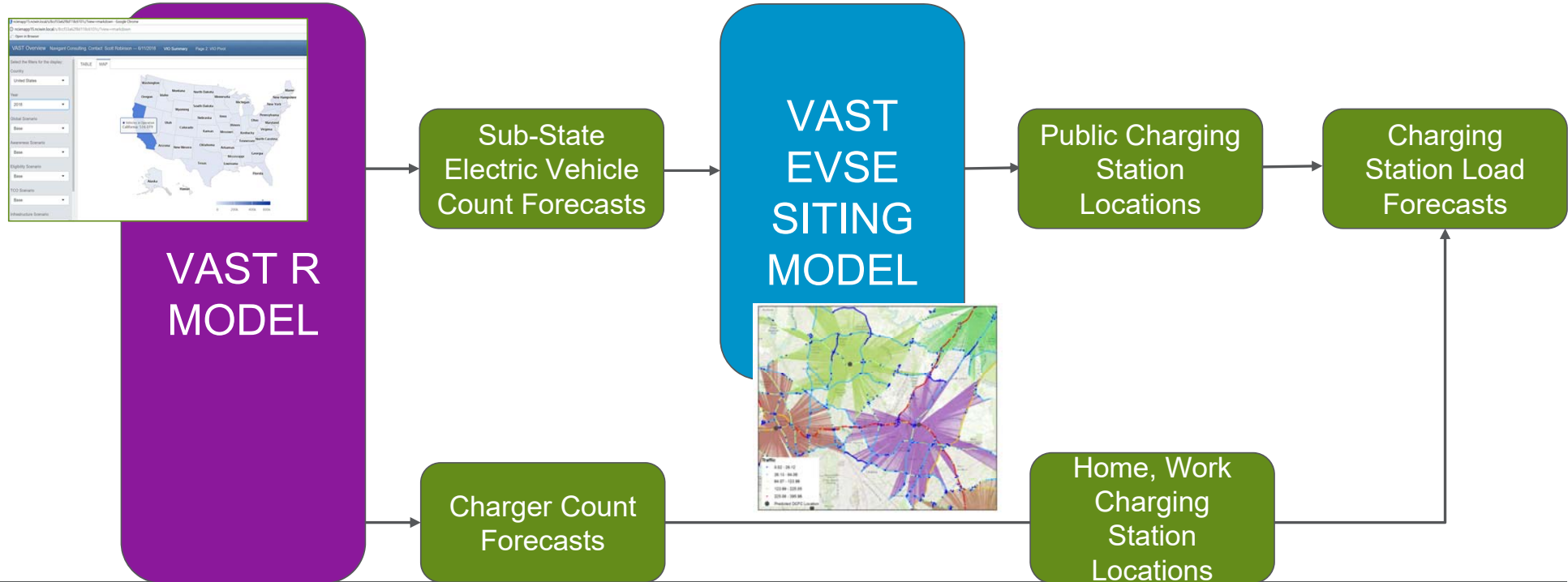
NAVIGANT

HIGH-VALUE ENERGY INDUSTRY AI “LEVERAGE POINTS”



CASE STUDY 1: LOCATING FUTURE EV CHARGING INFRASTRUCTURE BY NAVIGANT

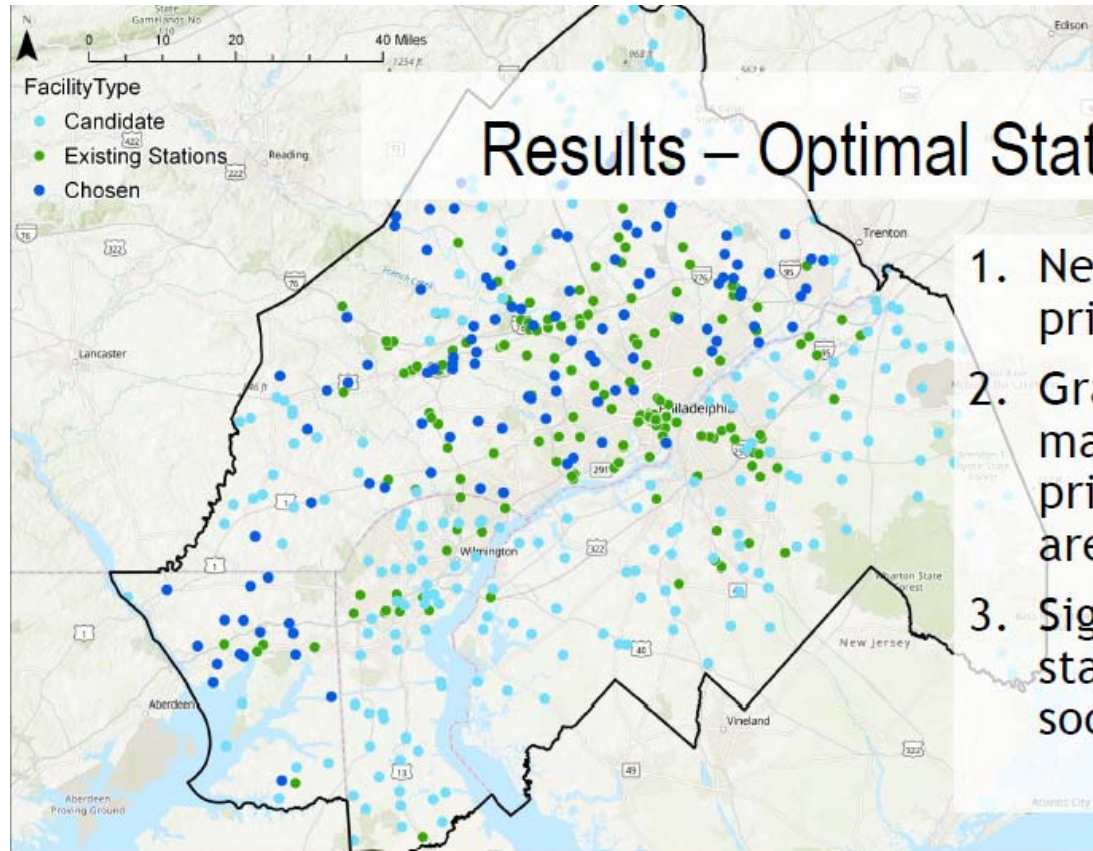
Navigant's EVSE Siting model is designed to site public electric vehicle charging stations accounting for local traffic and prevalence of existing charging stations, and to estimate load and peak demand at public charging stations.



CASE STUDY 1: LOCATING FUTURE EV CHARGING INFRASTRUCTURE BY NAVIGANT OPTIMAL STATION LOCATIONS

See the supporting data in the online interactive map:

<https://tinyurl.com/EVmapAESP>



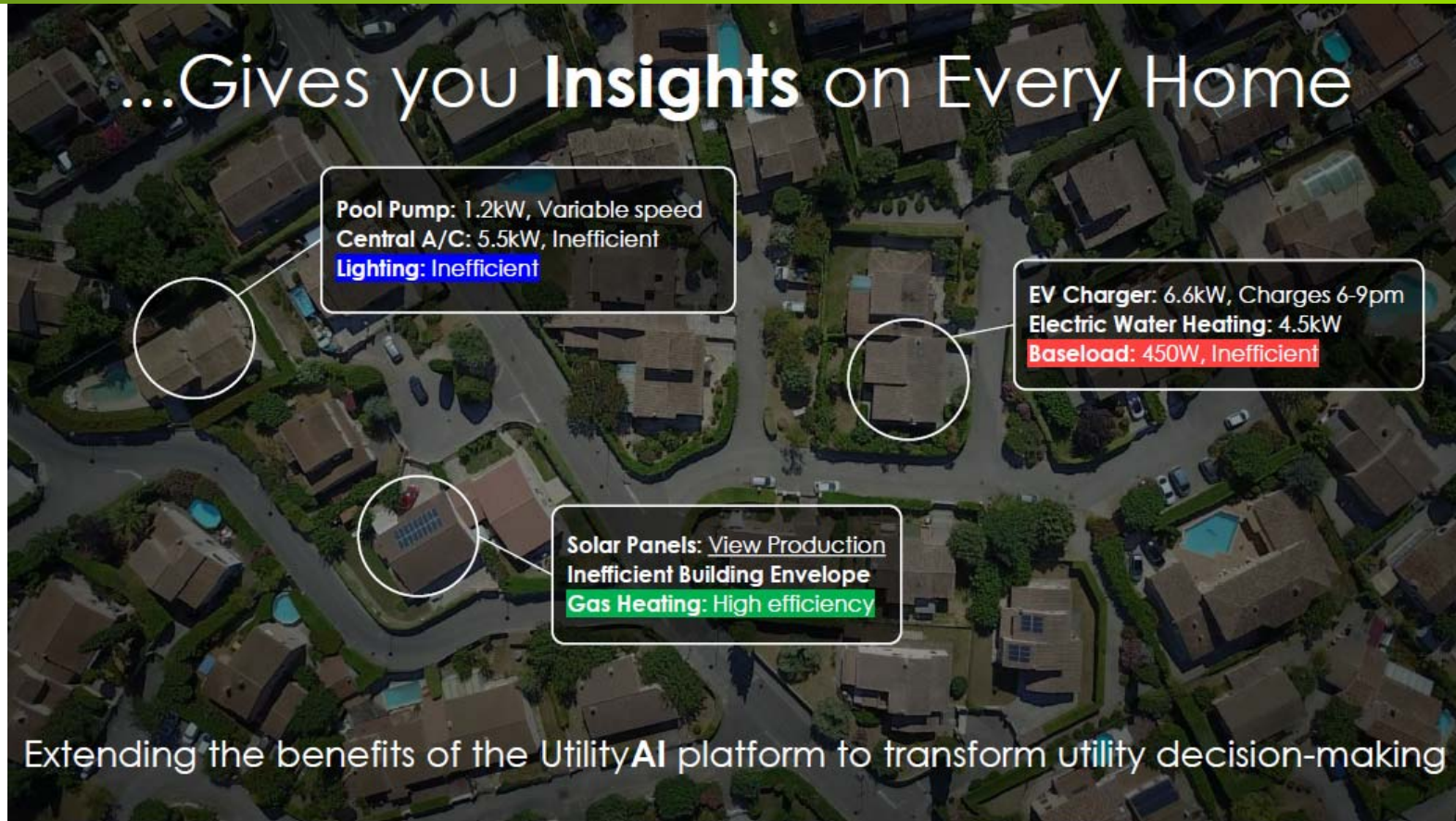
1. New station locations are primarily in suburban areas
2. Gravity algorithm + target market share strategy prioritizes high BEV growth areas
3. Significant clustering of EV stations exists (not societally optimal)

CASE STUDY 2: UTILITY AI BY BIDGELY

Bidgely is an AI driven Enterprise software platform for personalizing all Energy interactions between Utility and its Customers.

- Energy disaggregation
- Machine learning
- No sensors
- Smart and non-smart meters via ML

Source: Bidgely



CASE STUDY: UTILITY AI BY BIDGELY PERSONALIZED ENERGY INSIGHTS





ALERT

ANSWER

ASSURE

"The voice channel feels, by its very nature, highly personalized. Having one-size-fits all interactions diminishes a utility's ability to truly engage its customers, so it's critical to captivate consumers with relevant and useful information about their own, actual energy usage in this medium"



Source: Bidgely

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