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# Business Case for Methane Mitigation



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## **Public:**

- Public interest in climate change increasing

## **Regionally:**

- We are largest natural gas infrastructure company with one of the oldest networks in the nation

## **And at National Grid:**

- We are committed to accelerating methane reduction efforts
  - ◆ Internal 80x50 commitment

## 1. Customer

- A. Environmental concerns and cost savings

## 2. Infrastructure Modernization

- A. Focus on safety and efficiency

## 3. Future Proofing our Business

- A. New Climate Change Regulation
- B. Need for Decarbonization

## 4. Meeting our Commitments

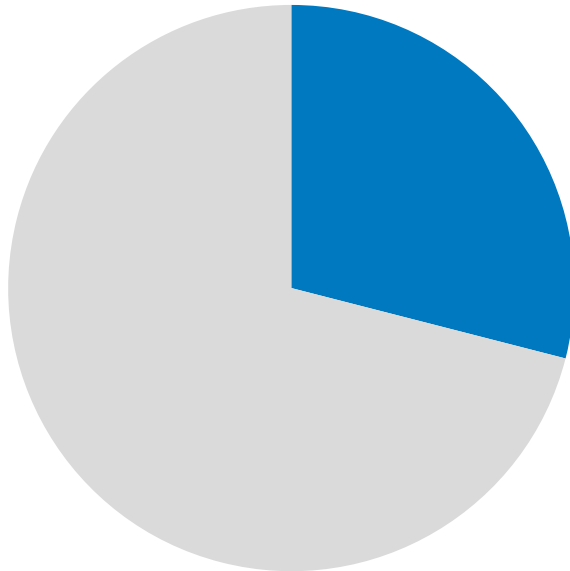
- A. Protecting our reputation to our investors

## Start and finish with the customer in mind

- Environmental concerns
- Cost savings



### Leak Prone Pipeline Inventory



National Grid ~29%

VS



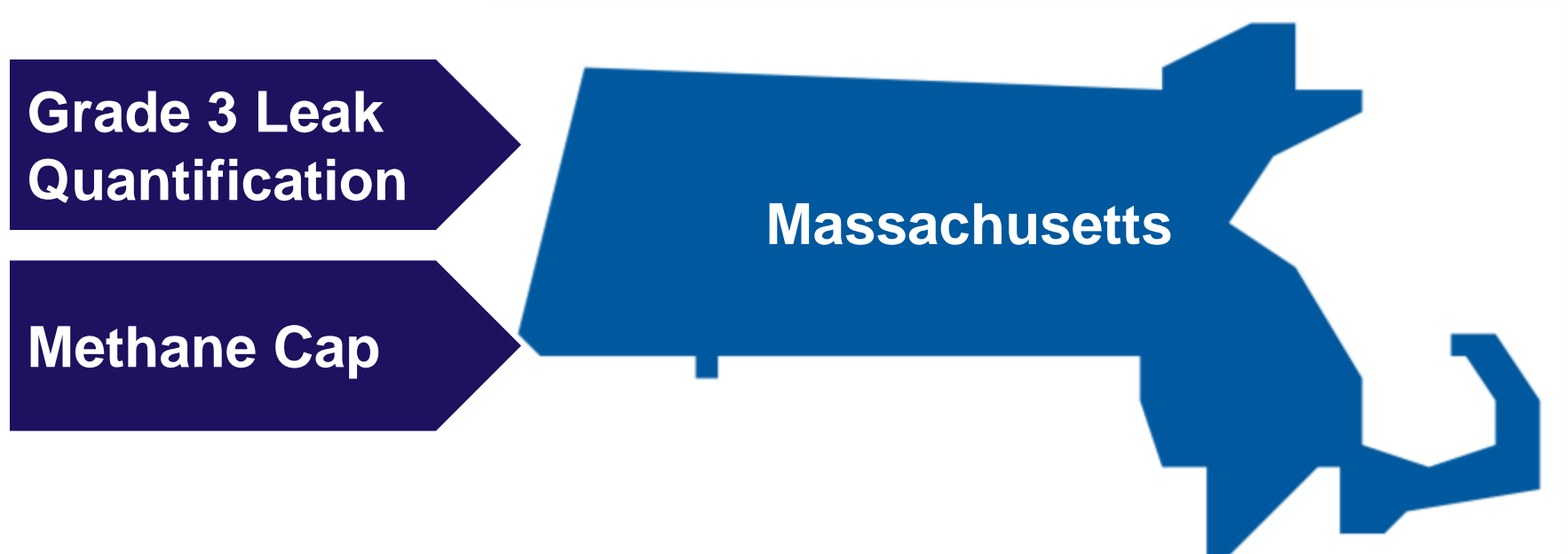
National Avg ~6.5%

- Leak prone pipe replacement is an opportunity to modernize infrastructure and reduce emissions in a financially responsible way

# 3. Future Proofing our Business

## a. New Climate Change Regulations

- States now leading climate change regulatory development



# 3. Future Proofing our Business

## b. Need for Decarbonization

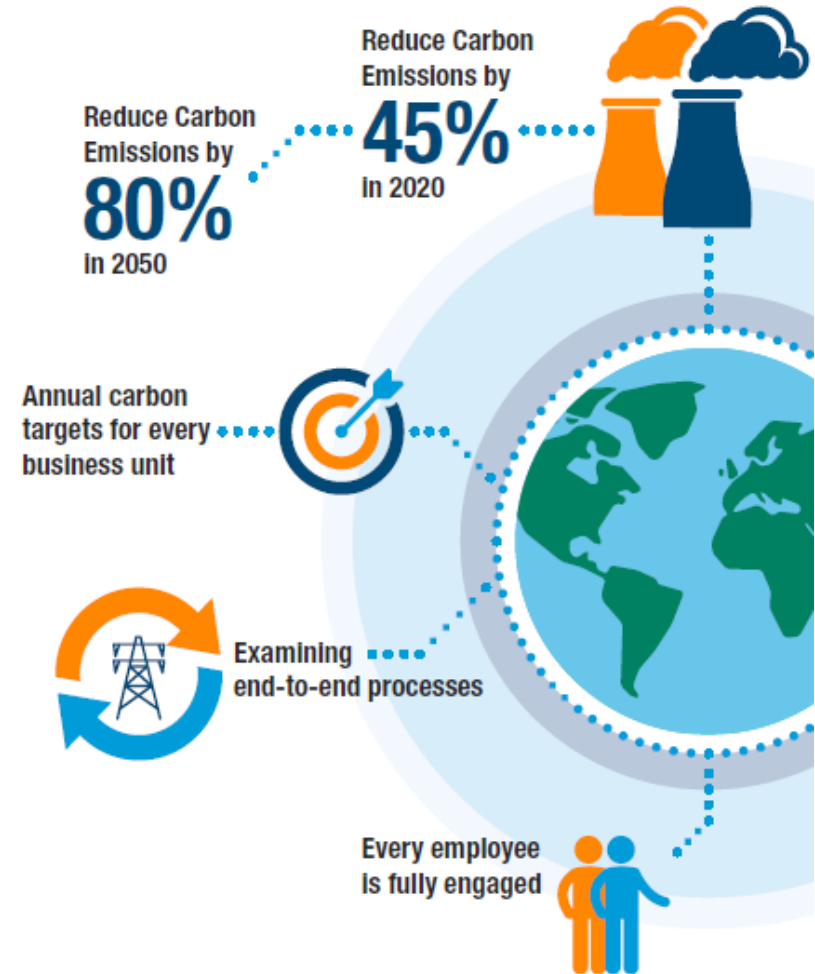
- Complimenting and optimizing electrification
  - ◆ Understanding and explaining the value of natural gas infrastructure in Boston and NYC, where both cities are focusing on aggressive decarbonization targets.





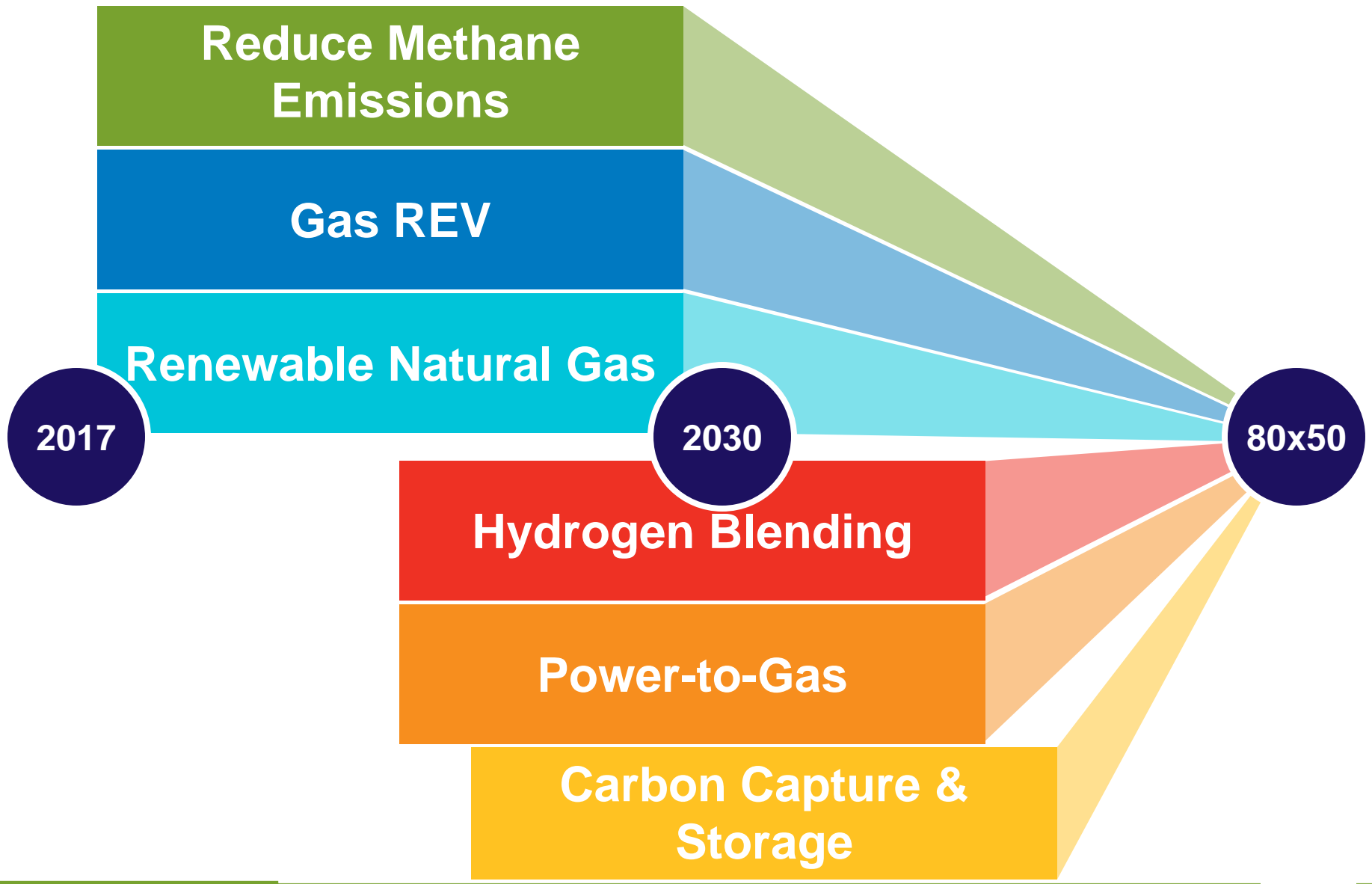
# 4. Meeting our Commitments

- 80X50 target
- 2020 target already achieved
  - ◆ 45X20
- Investors interested in our commitment and performance





# Roadmap of the Future Low Carbon Gas System



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**Questions?**

