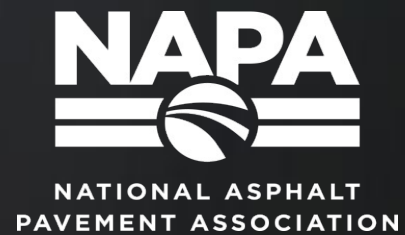


# NAPA UPDATE

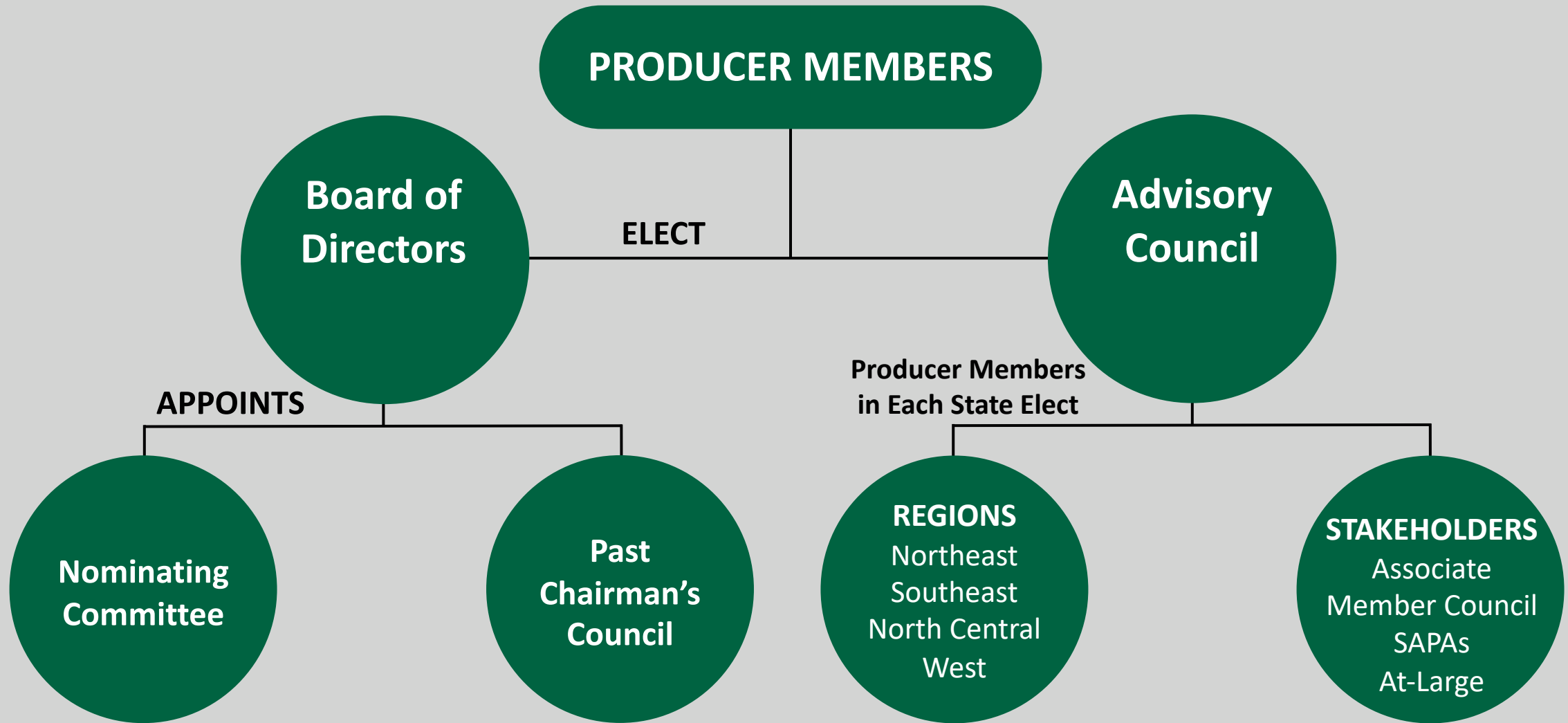


# NAPA Overview...

- Our Vision: *Asphalt pavements' quality and value pave the way for enhanced mobility and a sustainable transportation network.*
- Our Mission: *The National Asphalt Pavement Association works to support, advocate, and advance the asphalt pavement industry.*



# Member Engagement: *Leadership Structure*



# 2022 National Officers

**Christian  
Zimmermann**  
First Vice Chair



**Jim Mitchell**  
Chairman of the  
Board



**Brady Meldrem**  
Second Vice  
Chair



**Patrick Nelson**  
Secretary



**Robert Doucet**  
Treasurer





# 2022 Board of Directors



**Jim Mitchell**  
Chairman of the  
Board



**Christian  
Zimmermann**  
First Vice Chair



**Brady Meldrem**  
Second Vice Chair



**Patrick Nelson**  
Secretary



**Robert Doucet**  
Treasurer



**Jay Winford**  
Immediate Past Chairman  
NAPAREF Chair



**Dan Gallagher**  
Chair, Past  
Chairmen's Council



**Ron Sines**  
Chair, NCAT



**John Harper**  
Chair, Nominating  
Committee



**Jean Azoury**  
Northeast Region  
Vice Chair



**Vince Hafeli**  
Southeast Region  
Vice Chair



**Rob Kuehborn**  
Northcentral  
Region Vice Chair



**Pat Weaver**  
West Region Vice  
Chair



**Patrick Fox**  
Chair, IMPACT



**Stan Bass**  
At-large (1)



**Jason Duinink**  
At-large (2)



**Jay Lemon**  
At-large (3)



**Brad Oneglia**  
At-large (4)



**John Quade**  
At-large (5)



**Steven Warren**  
At-large (6)



**Daniel Garcia**  
At-large (7)



**Andrea Latham**  
At-large, Associate  
Member Council



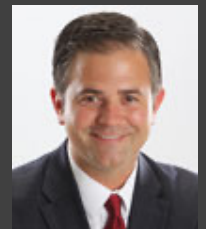
**Audrey Copeland**  
NAPA President &  
CEO



**John Keating**  
Critical Issue – Chair,  
Marketing Council

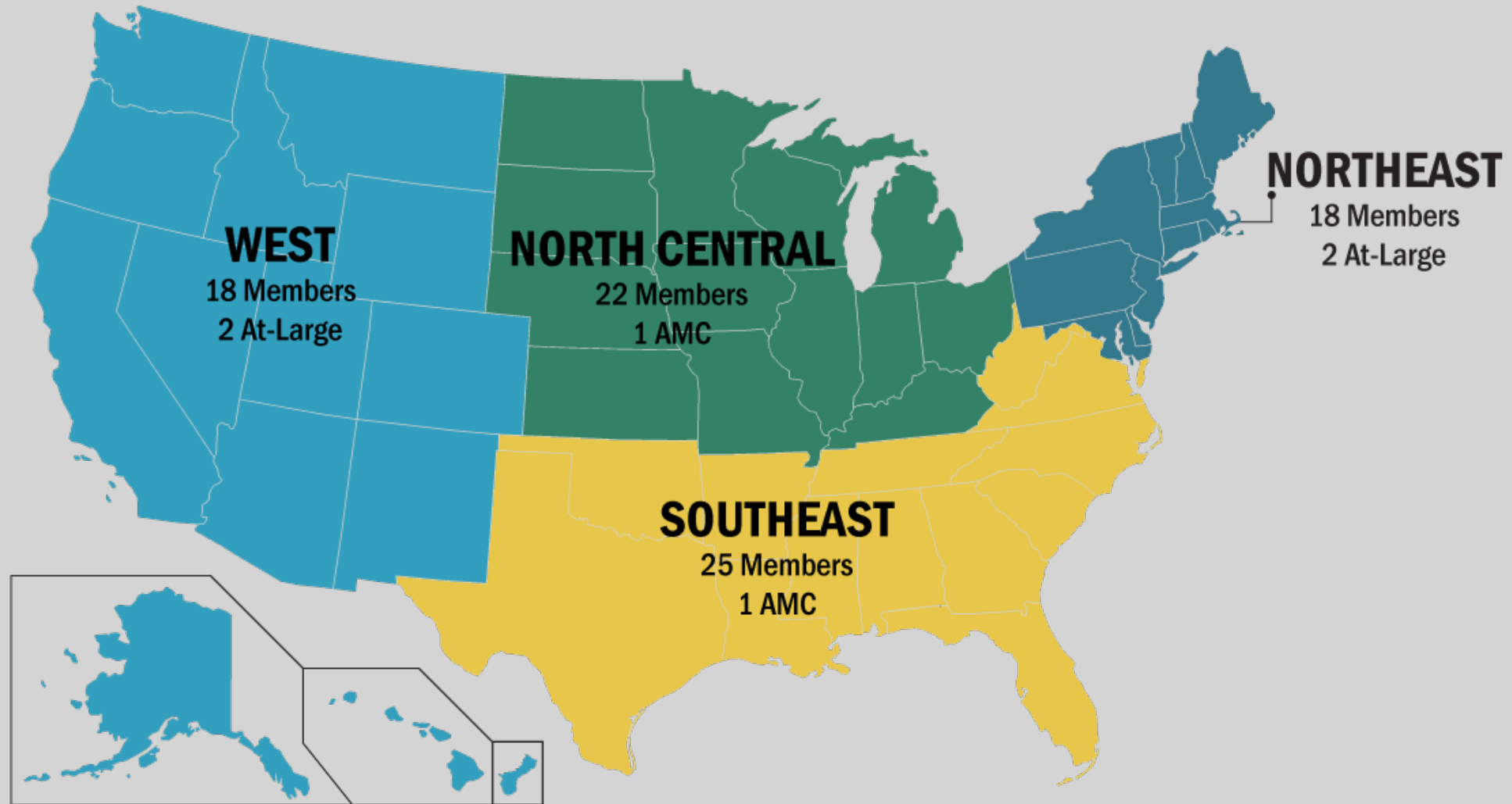


**Kurt Bechthold**  
Critical Issue – Chair,  
GTM



**David White**  
Critical Issue –  
Chair, PEC

# Leadership: Regions, Advisory Council



# NAPA Priorities in 2022



**IJA / BIL  
Implementation**



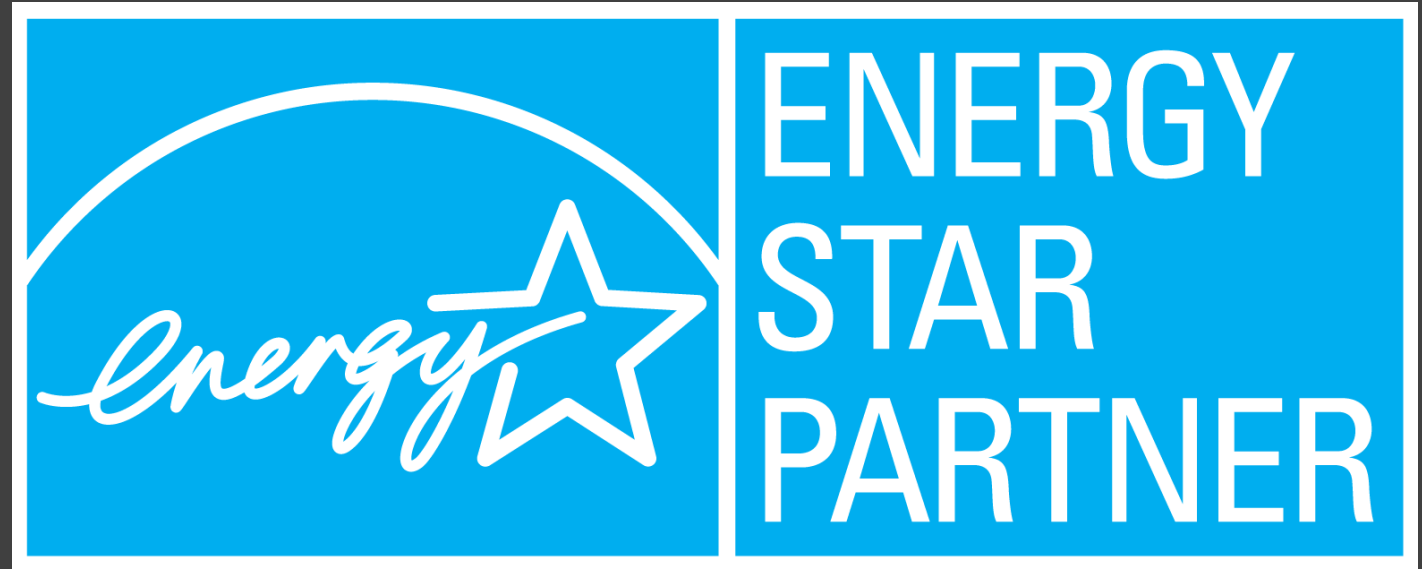
**Climate  
Stewardship**



**Workforce  
Development**



# Asphalt Plant Energy Performance Peer Exchange (APEX)



- Partner with U.S. EPA
- Market and promote your company's partnership
- Learn best practices to manage energy
- Get assistance from an experienced industrial energy advisor

<https://www.asphaltpavement.org/expertise/sustainability/tools/energy-star-apex-program>





# Environmentally Preferable Asphalt and Standard

- Federal office buildings, courthouses, and land ports of entry
- Requirements
  - Submit an EPD for each mix
  - Use 2 environmentally preferable techniques
    - At least 20% RAP content
    - Warm mix technology (reduced onsite mix temperature)
    - Non-pavement recycled content (roof shingles, rubber, or plastic)
    - Improved energy/carbon efficiency of plants or equipment (e.g., natural gas)
    - Other environmentally preferable techniques (contractor can propose)

<https://www.gsa.gov/real-estate/design-construction/engineering-and-architecture/facilities-standards-p100-overview>





# Acquisition Policy Federal Advisory Committee

- 28 members (academia, NGOs, agencies, 1 contractor)
- Advise GSA on
  - Use of acquisition tools and authorities to target highest priority of Federal acquisition challenges
  - Advises on emerging acquisition issues, challenges and opportunities
  - Driving regulatory, policy and process changes required to embed climate and sustainability considerations in Federal acquisition



# FHWA Initiatives

## FHWA Climate Challenge

- Quantifying the emissions of sustainable pavements
  - 25 states submitted applications for 40 projects

## Accelerated Implementation and Deployment of Pavement Technologies (AIDPT) – Funded by BIL

- \$60m over 5 years to focus on:
  - Impacts on vehicle fuel efficiency
  - Energy efficiency of production of paving materials
  - Ability of paving materials to enhance the environment

# Carbon Reduction Program



## President Biden, USDOT Announce New Guidance and \$6.4 Billion to Help States Reduce Carbon Emissions Under the Bipartisan Infrastructure Law

Thursday, April 21, 2022

*Key program will fund projects that help fight climate change and save Americans money on gas*

- Focus is on vehicle fuel consumption/emissions
- FHWA Guidance made “paving activities” eligible
  - Projects must use LCA to quantify carbon emissions reductions
- Enhanced pavement smoothness may also be eligible





# Inflation Reduction Act

## EPA

- \$250 million to standardize EPDs and help industry develop EPDs
- \$100 million to develop low-carbon material labeling program

## GSA

- \$2.15 billion to procure low carbon construction products
- \$975 million for emerging and sustainable technologies



# Inflation Reduction Act

## DOT/FHWA

- \$2 billion to procure low carbon construction products
  - Federal-aid Highways, Federal Lands, etc.
  - Differential Cost or Incentive

## DOE

- \$5.8 billion grants to accelerate GHG emissions reductions at industrial facilities

# September 16, 2022

- Government Services Administration
  - Request for information from manufacturers on availability of construction materials and products with lower embodied carbon
- Buy Clean Task Force – White House
  - Increase membership of Buy Clean Task Force
  - Prioritize Federal Government purchase of steel, concrete, asphalt and flat glass with lower GHG levels
  - Additional materials and pollutants are coming soon
  - Bringing states to White House in October
- Department of Transportation
  - Agency-wide Buy Clean policy and Embodied Carbon working group – all Federal aid highway program \$\$
- Department of Defense
  - Analyze the life cycle carbon footprint, costs, resilience, and timeliness of low carbon materials
- Environmental Protection Agency
  - Energy Start program
  - Standardize and improve EPD guidelines
- Department of State
  - Decarbonization of construction at embassies

# Habit #2

- Begin with the end in mind!
  - Steven Covey



**THANK YOU**

