September 2026

OpenMinds

Accelerating Energy and Climate Progress

OpenMinds

AGENDA

01

An Introduction to OpenMinds

02

The "Dual Challenge" and Our Solutions

03

OpenMinds' Impact Strategy and Key Initiatives

OUR SOLUTION:

MORE ENERGY. LESS EMISSIONS. FAST.

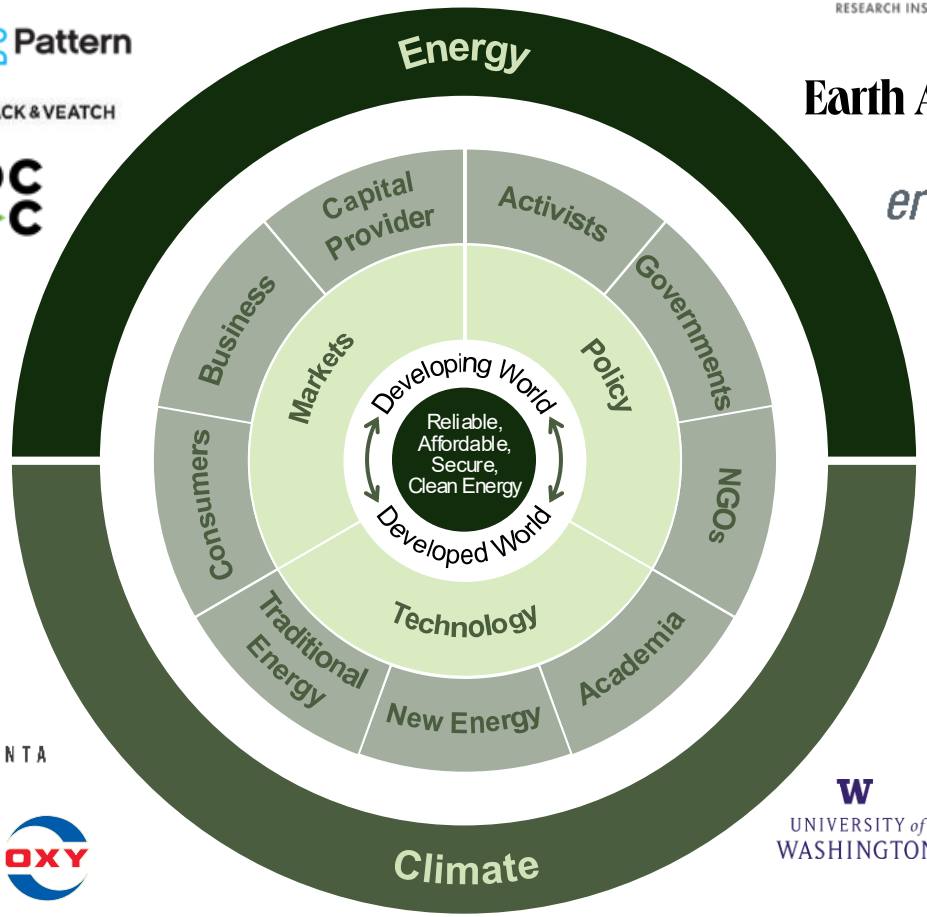
- Non-partisan, 501(c)(3)
- Data and Techonomics-driven
- 125+ Volunteer Leaders, Experts & Partners
- Entrepreneurial Approach

OpenMinds

WHAT MAKES US UNIQUE

- Unite & Accelerate - Energy AND Climate
- Proprietary Solutions Framework
- Cross-functional Expert Team
- Impact Progress by 203X

The OpenMinds Network



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EPRI Electric Power Research Institute · Grid Strategies · American Clean Power · ACORE · Earth Alliance · aviation climate taskforce · NREL National Renewable Energy Laboratory · ercot · Net Zero Technology Centre · Technology Driving Transition · SS+K · CATF Clean Air Task Force · Columbia | SIPA Center on Global Energy Policy · Environmental Defense Fund · World Resources Institute · Energy Innovation Policy & Technology LLC · Activate · Greentown Labs · Arnold Ventures · The Conservation Fund · Universität Potsdam · Columbia University in the City of New York · Arizona State University · TEXAS A&M University · University of Washington · Stanford University · Caltech · Rice University · Texas The University of Texas at Austin · Harvard University · University of Michigan

OpenMinds

Our Unique & Strategic Approach to Impact

2022 – “Define”

More energy.
Less emissions.
By 203X.

2023 – 2024 “Solve”

Data-driven
Solutions pathway.
Cost, speed, scale.

2025 – “Impact”

Initial Impact Projects to remove bottlenecks.

2026 – “Focus”

Grid Vision.
NextGen.
Communication.

OpenMinds

Mission

More energy, less emissions – fast.

Goals

Unite
key current & future global leaders on the need to solve for affordable energy access while quickly reducing emissions

Accelerate
progress with a practical solutions pathway and develop key initiatives to remove bottlenecks

Impact Levers

Communicate to Drive Targeted Action and Highlight Progress

- **Align Existing Leaders**
- **Develop Future Leaders**
- **Design Solutions Pathways**
- **Lead Impact Projects**

Top 10 Solutions

- **Abate Methane**
- **Renewables**
- **Coal-to-X Switching**
- **CCUS in Electricity and Industry**
- **Transportation Energy Efficiency**
- **Industrial Efficiency and Electrification**
- **Electric LDVs**
- **Heat Pumps**
- **New and Existing Nuclear**
- **Buildings Efficiency**

The OpenMinds Team

LEADERSHIP

David Baldwin
Co-Founder &
Executive Director

Steve Lockard
Managing Director

Kristin Barbato
Director, NextGen

Will Bernholz
Director, Communications

Francis Slingsby
Director, Impact Projects

Jack Bradshaw
Senior Project Manager

Ryan Legg
Director, Partnerships
& Development

Heidi Lauterbach
Comms Manager

BOARD MEMBERS

Jeff Katz
Co-Founder, OpenMinds

- *Co-Founder, Dihedral.ai*
- *Co-Founder, CEO, Orbitz*

Aart de Geus
Executive Chairman &
Founder, Synopsys

Dan Tishman
Chairman & Principal, Tishman
Realty & Construction

Jessica Uhl
Three Cairns Group Former
Executive at GE Vernova &
Shell

Georgina Campbell Flatter
CEO, Greentown Labs

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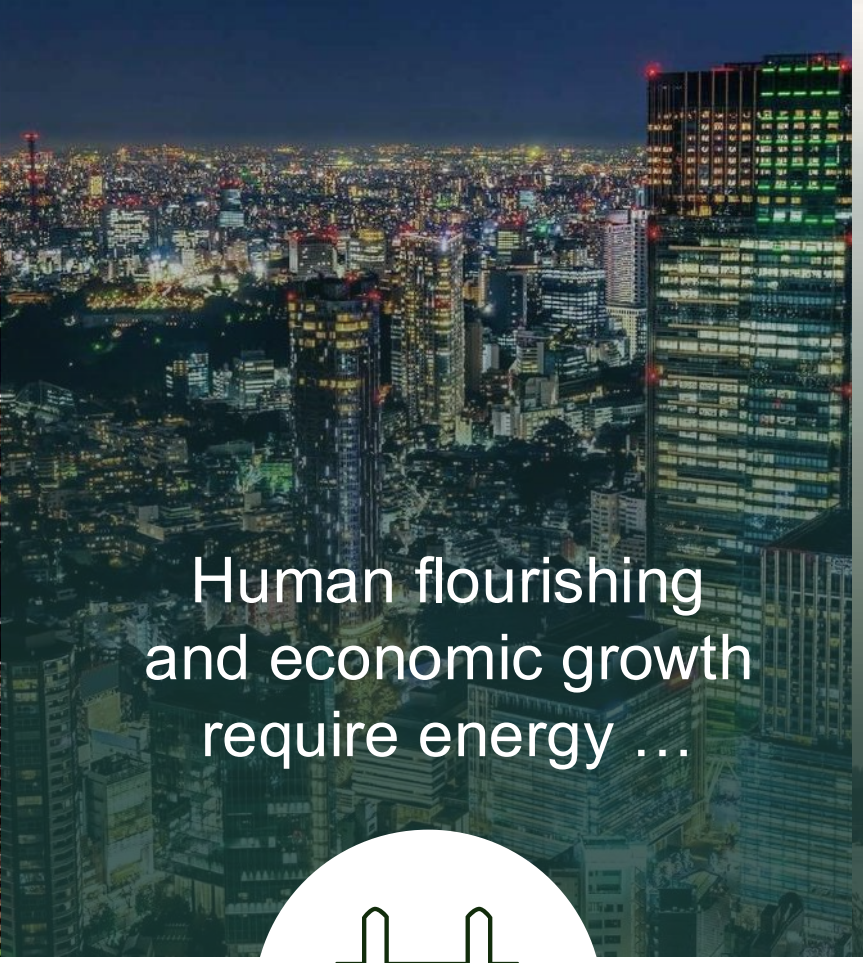
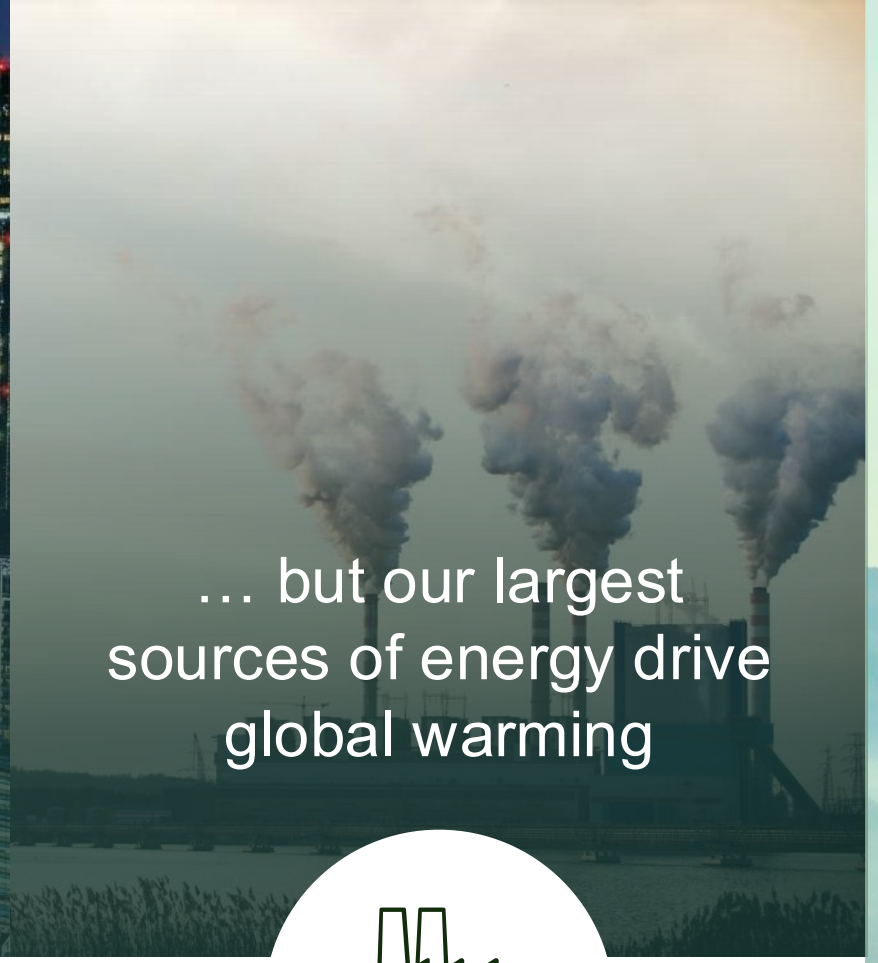


Human flourishing and economic growth require energy …



… but our largest sources of energy drive global warming

This is the Dual Challenge

More energy

+

Less emissions

Energy Drives Human Well-Being and Longevity

Global energy consumption

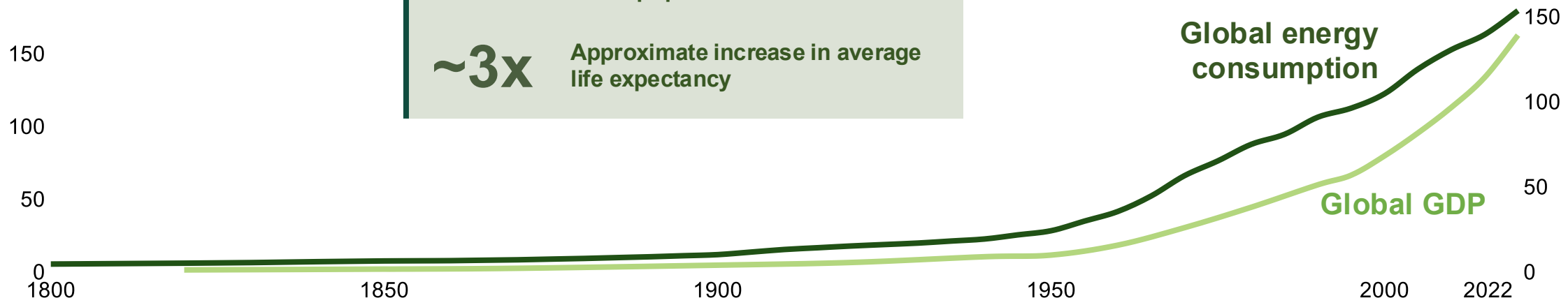
PETAWATT-HOURS

~8x Approximate increase in the world population

~3x Approximate increase in average life expectancy

Global GDP

TRILLIONS OF CONSTANT 2017 INTERNATIONAL USD, PPP ADJUSTED



World population

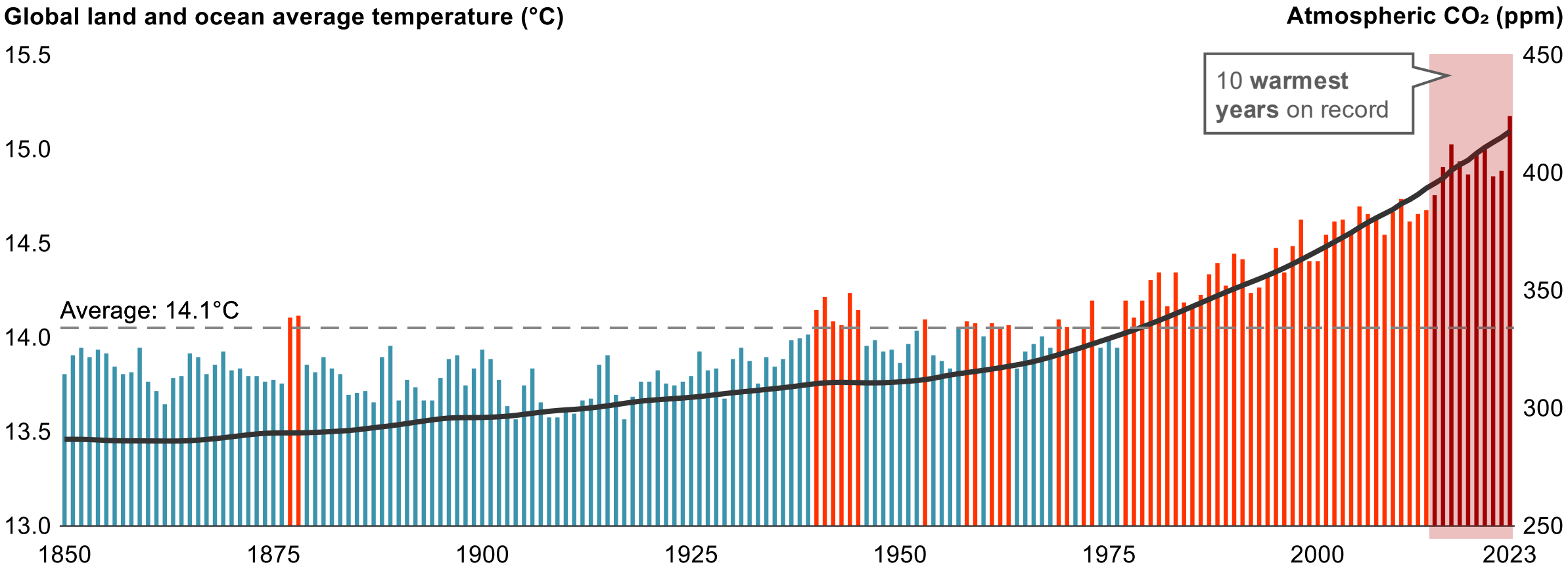
1.0B → 8.2B

Average life expectancy

29yrs. → 73yrs.

Note: GDP is adjusted for purchasing power parity. Sources: BP Statistical Review of World Energy 2021; Vaclav Smil, *Energy Transitions: Global and National Perspectives,* 2017; Maddison Project Database, version 2020. Bolt, Jutta and Jan Luiten van Zanden (2020), "Maddison style estimates of the evolution of the world economy. A new 2020 update"; World Bank; Our World in Data

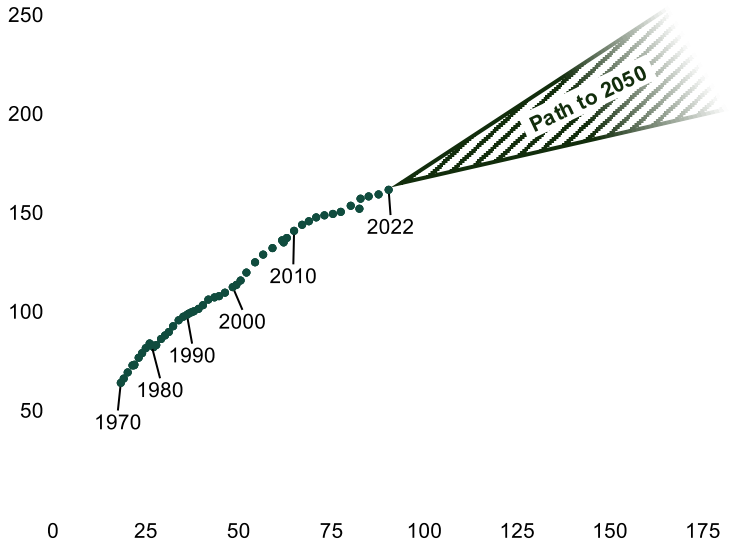
Emissions Have Led to Increased Warming



Our Dual Challenge

Energy Will Grow

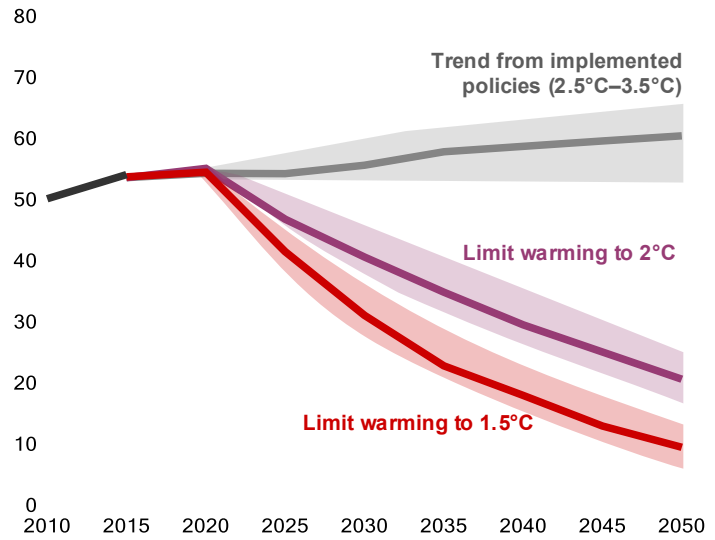
Global primary energy demand
(petawatt-hours)



Global GDP
(trillions of constant 2015 USD)

Emissions Must Decline

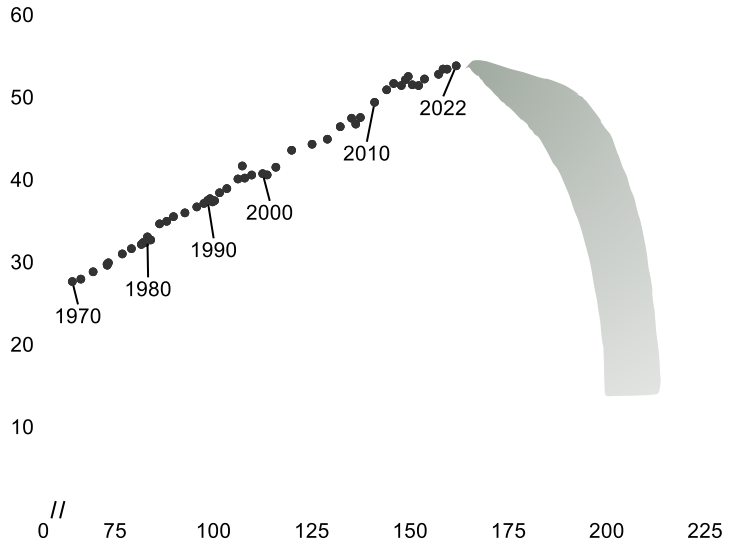
Global annual greenhouse gas emissions
(gigatons of CO_2-equivalent)



Year

The Dual Challenge

Global CO_2e emissions
(gigatons of CO_2e)

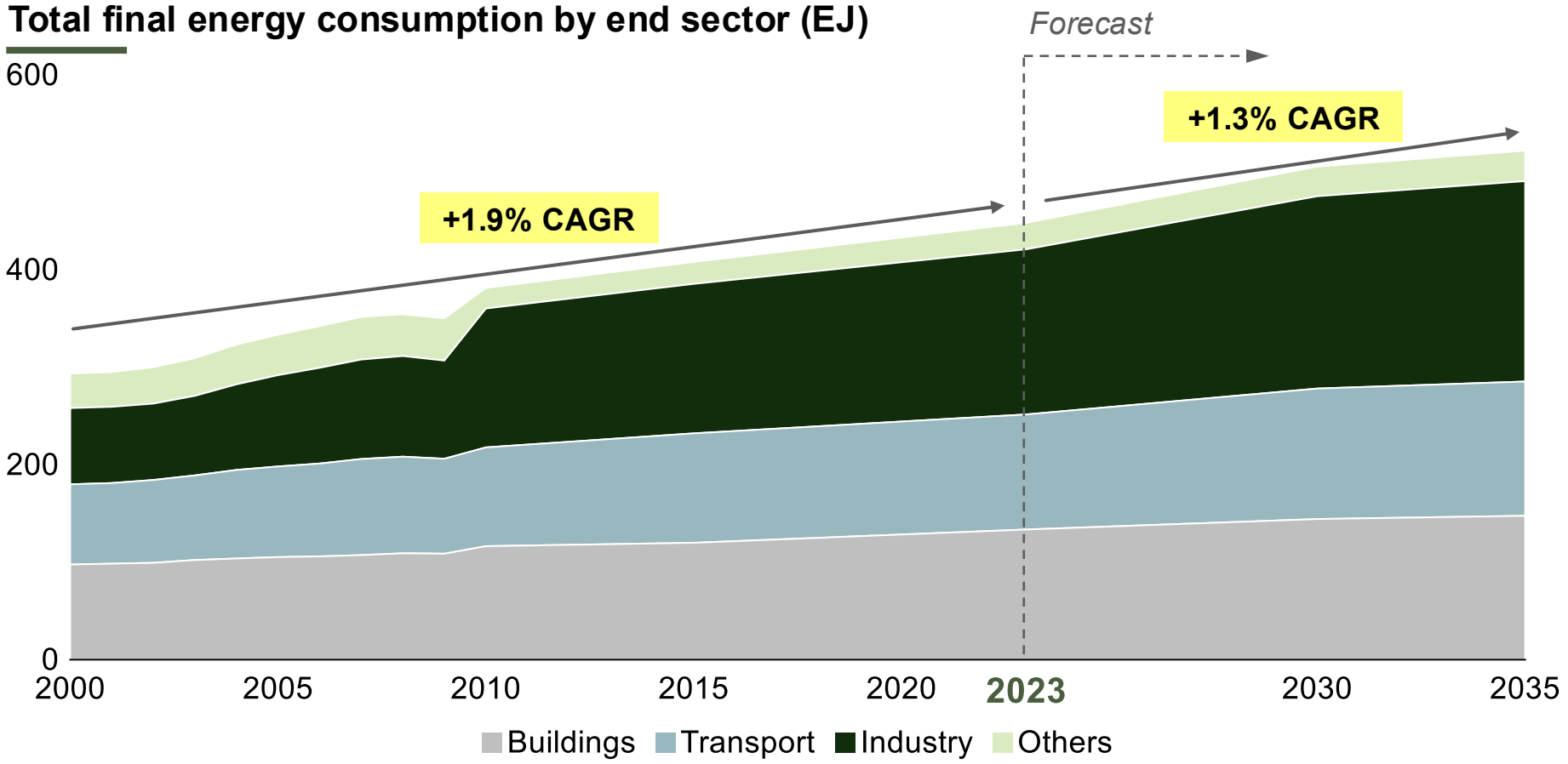


Global Primary Energy Demand
(petawatt-hours)

Note: Warming figures in middle-side emissions chart are relative to the preindustrial period and reflect projected warming level by 2100 in each scenario; bold lines in emissions chart represent median estimate, and shaded regions reflect a range from the 25th to 75th percentile. Emissions in right-side chart reflect global CO_2 emissions inclusive of land use change. Sources: IPCC, Sixth Assessment Report; World Bank; Our World in Data

Our Trajectory: Global Energy Demand Will Continue to Grow

Total final energy consumption by end sector (EJ)



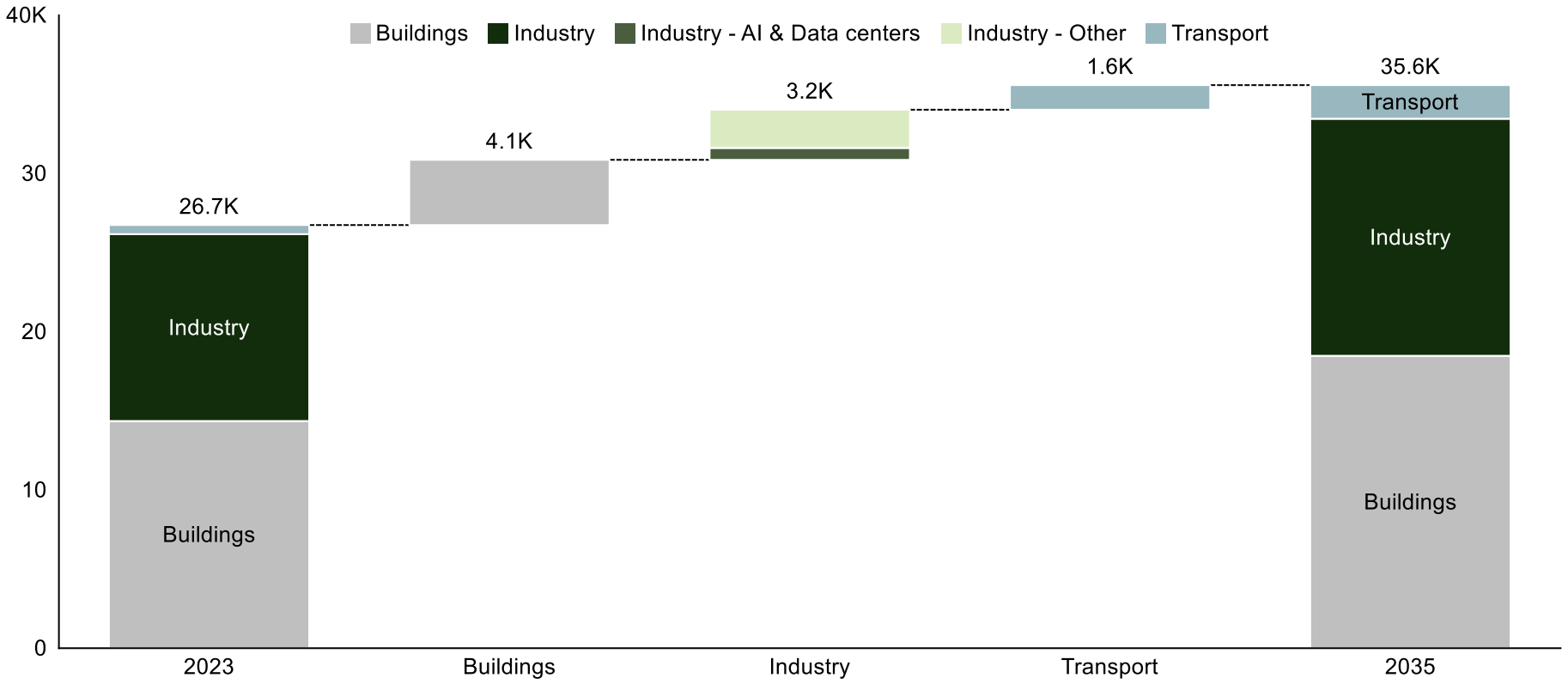
Outlook through 2035

+17% growth

- Driven by **developing economies**
- With **largest share from industry**
- Partially offset by **reduced energy intensity**

Electricity is Growing Even Faster Than Primary Energy

Global electricity demand (TWh)



Outlook through 2035

+35% growth

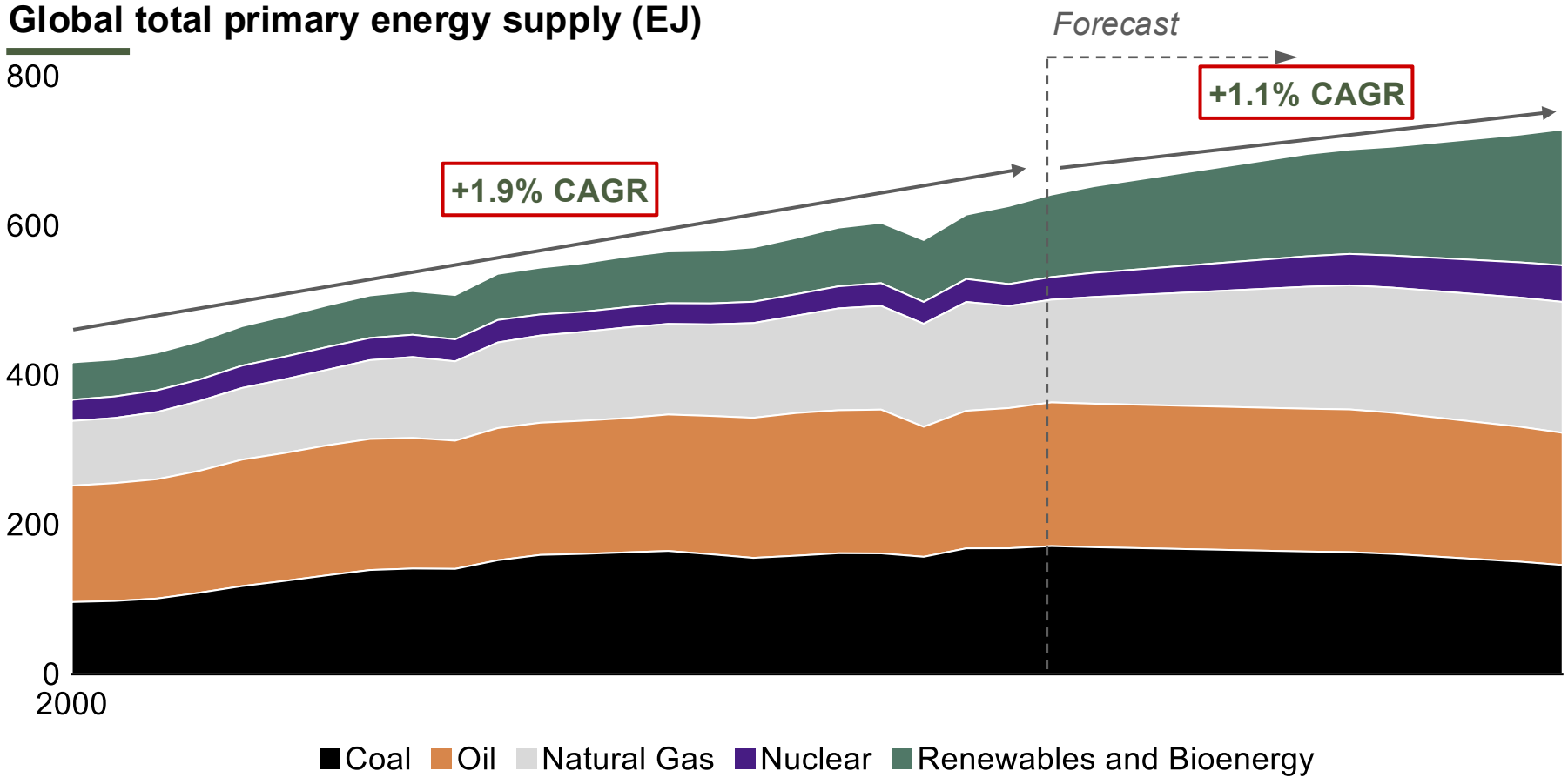
Sources of growth:

- ~45% from **HVAC**
- ~25% from **industrial processes**
- ~20% from more **EVs**
- ~10% from **data centers**

Global Energy Supply Mix is Shifting

PRELIMINARY

Global total primary energy supply (EJ)



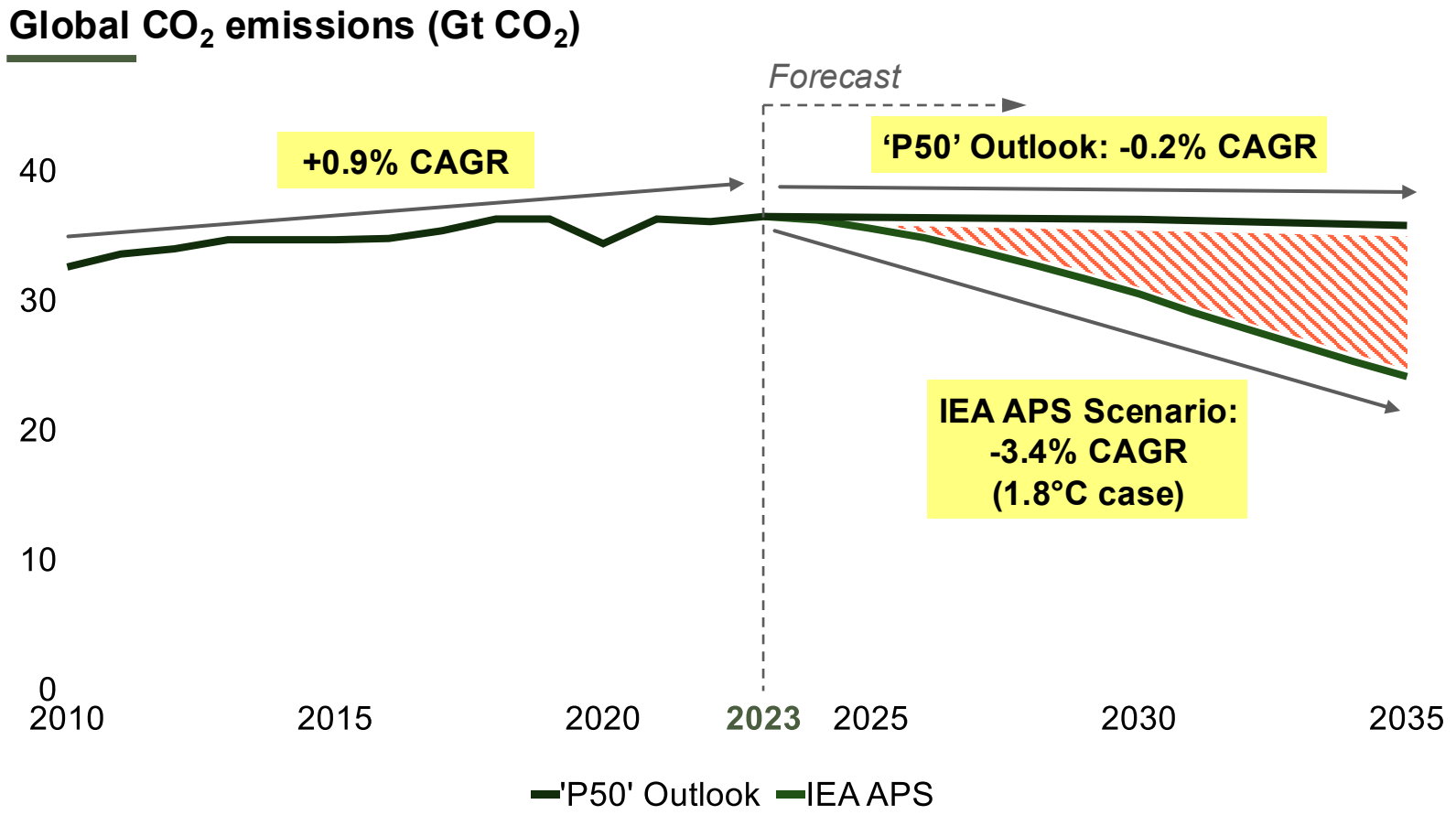
Outlook through 2035

~14% growth

- …as **renewables surge to ~25% of energy mix**
- ...while **oil peaks in 2030** and **natural gas share makes modest gains**
- …partially offset by high conversion **efficiency of renewable sources**

Source: Intersect$_{SM}$ Carbon & Energy Transition CGE Model; IEA WEO 2024

We're Bending the Emissions Curve, Yet Face a Big Gap



Through 2035

~66Gt

Emissions gap between 'P50' Outlook & 1.8°C scenario

-14%

Total reductions to stay on track

2.5-3.0°C

Implied temperature increase

Our Solutions Approach

1 Where are emissions coming from?

Understand energy sources, consumption patterns, and emissions to spot crucial action areas

2 What are the tradeoffs of each solution?

Identify and systematically evaluate a long list of potential technical solutions

3 What is the most efficient pathway?

Identify the solutions with the highest potential for impact through 203X

4 How do we drive impact globally?

Assess solution feasibility at a country-level, based on varying resources and priorities, to calibrate deployment rates

Accelerate progress against the Dual Challenge by 203X

Analysis of Emissions and Energy Consumption

DIRECTIONAL

Energy and Emissions

By source \ By end use	Industry (Iron/steel, (petro)chemical, machinery, construction, etc.)			Transport (Road, aviation rail and pipeline)			Buildings (Residencial and commercial buildings)			Agriculture (Agriculture and fishing)			Other (Non-specified and non-energy sources)			Total	
	Energy	Emission	En/Em	Energy	Emission	En/Em	Energy	Emission	En/Em	Energy	Emission	En/Em	Energy	Emission	En/Em	Energy	Emission
ENERGY																	
Electricity/heat	**18%**	**12%**	-	**<1%**	**0%**	-	**20%**	**12%**	-	**1%**	**1%**	-	**2%[1]**	**7%[2]**	-	**42%**	**32%**
Coal	8%	8%	●	<1%	0%	●	9%	8%	●	<1%	<1%	●	<1%	5%	●	18%	21%
Oil products and oil	<1%	<1%	○	-	-	-	<1%	<1%	○	-	-	-	-	-	-	<1%	1%
Natural gas	4%	3%	○	-	-	-	5%	3%	○	-	-	-	<1%	1%	○	10%	7%
Bio/waste[6]	<1%	<1%	●	-	-	-	1%	<1%	●	-	-	-	-	-	-	2%	2%
Nuclear	3%	<1%	○	-	-	-	3%	<1%	◉	-	-	-	-	-	-	6%	<1%
Renewables[7]	2%	<1%	○	-	-	-	2%	<1%	◉	-	-	-	<1%	<1%	◉	5%	<1%
Direct combustion	**14%**	**13%**	-	**22%**	**17%**	-	**14%**	**6%**	-	**<1%**	**<1%**	-	**8%[3]**	**7%[4]**	-	**58%**	**44%**
Coal	6%	6%	●	-	-	-	1%	<1%	○	-	-	-	<1%	1%	●	7%	7%
Oil products and oil	2%	2%	●	20%	16%	○	2%	1%	○	<1%	<1%	●	6%	5%	○	31%	24%
Natural gas	5%	3%	○	<1%	<1%	●	5%	2%	○	-	-	-	1%	1%	●	12%	6%
Bio/waste	1%	2%	●	<1%	1%	●	6%	3%	○	-	-	-	-	-	-	8%	6%
NON-ENERGY																	
Industrial processes	-	6%	N/A	-	-	N/A	-	-	N/A	-	-	N/A	-	-	N/A	N/A	6%
Agriculture	-	-	N/A	-	-	N/A	-	-	N/A	-	12%	N/A	-	-	N/A	N/A	12%
Other	-	-	N/A	-	-	N/A	-	-	N/A	-	-	N/A	-	7%[5]	N/A	N/A	7%
Total	**32%**	**31%**		**22%**	**17%**		**34%**	**18%**		**2%**	**13%**		**10%**	**21%**		**100%**	**100%**

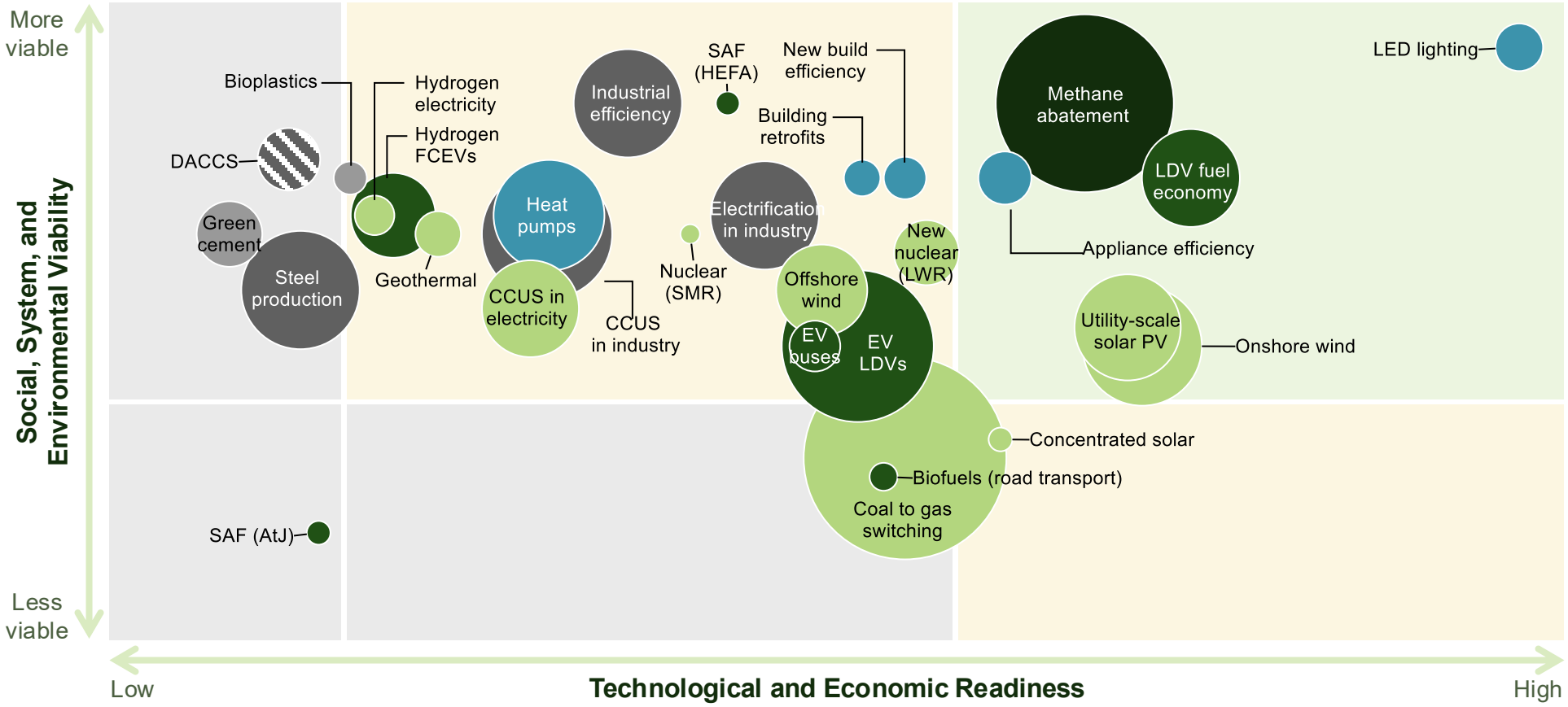
Key impact areas

- (A) **Electricity** generation from **fossil fuels**
- (B) Oil and oil products for **transportation**
- (C) Energy usage in **buildings**
- (D) **Fugitive emissions**
- (E) **Industrial processes**
- (F) **Energy supply needs to expand in a lower carbon manner to support economic growth in the developing world**

Legend:
- Key impact areas
- High Energy/Emissions ratio
- Moderate Energy/Emissions ratio
- Low Energy/Emissions ratio

Note: Data reflected above is for 2019. Energy data reflects primary energy and emissions data reflects greenhouse gas emissions in terms of CO_2 equivalent. 1: Electricity/heat going to non-specified and non-energy uses, 2: Unallocated fuel combustion for electricity, 3: Energy going to non-specified and non-energy uses, 4: Emissions from energy production and fugitive emissions, 5: Emissions from LUCF and food waste (6%), 6: Includes traditional biomass and animal materials/waste 7: Includes geothermal, solar/tide/wind, and hydro, CO_2 equivalent includes methane and nitrous oxide emissions. **Figures are directional.**
Sources: IEA, WRI, Climate Watch, German Environment Agency; EIA

Prioritization of Potential Solutions



Electricity generation from fossil fuels
Oil and oil products for transportation
Energy usage in buildings
Fugitive emissions
Industrial processes
Other

1.5 $GtCO_2e$ — Medium-term annual CO_2e abatement potential

Prioritized by:

- Low cost
- Deployment speed
- Abatement potential

OpenMinds Solutions Pathway

1. Electrify

- Renewables (i.e., solar and wind)
- Coal-to-X switching
- New and existing nuclear
- Geothermal
- Electric LDVs
- Heat pumps
- Distributed generation
- Hydrogen

2. Remove

- Abating methane emissions from energy
- CCUS in electricity and industry
- Direct air capture
- Nature-based solutions
- Green steel and cement

3. Optimize

- Transportation energy efficiency
- Industrial efficiency and electrification
- Buildings efficiency
- LED lighting

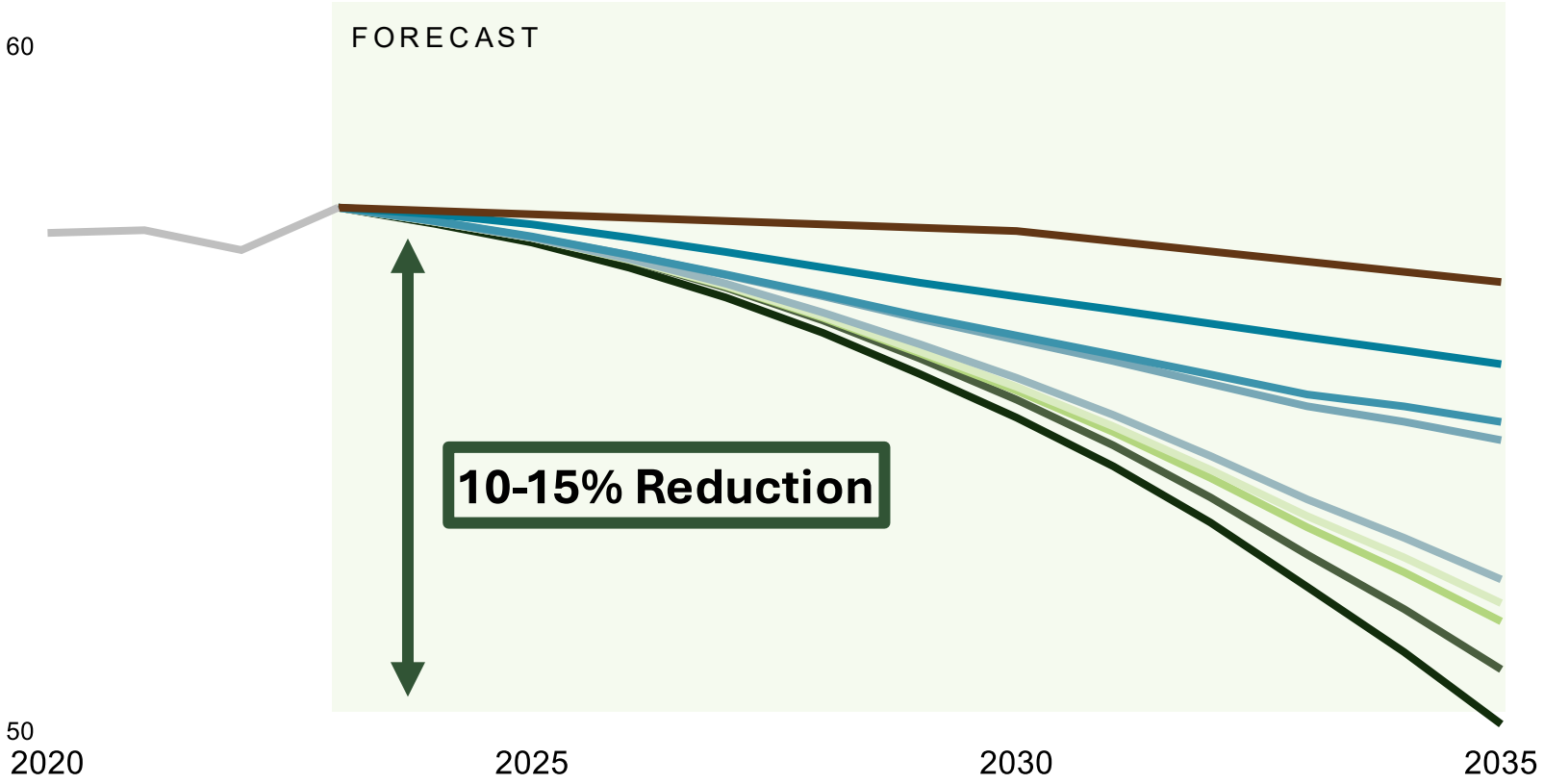
4. Adapt

- Circular economy
- Regional Adaptation
- Behavioral change

Impact of Our Solutions Implementation

Projected Emissions Impact

GIGATONS OF CO_2E PER YEAR



Baseline
+
Methane abatement
+
Coal-to-X
+
CCUS in electricity & industry
+
Renewables
+
Nuclear
+
Transportation efficiency
+
Transport electrification
+
Buildings and industry efficiency and electrification

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Three Pillars to Drive Impact

Catalyst Projects

Delivering Our Top 10
Energy & Climate Solutions

NextGen Leaders

Developing 300 Future
Energy & Climate Leaders

Communications

Communicating to Create
Energy & Climate Alignment

OpenMinds

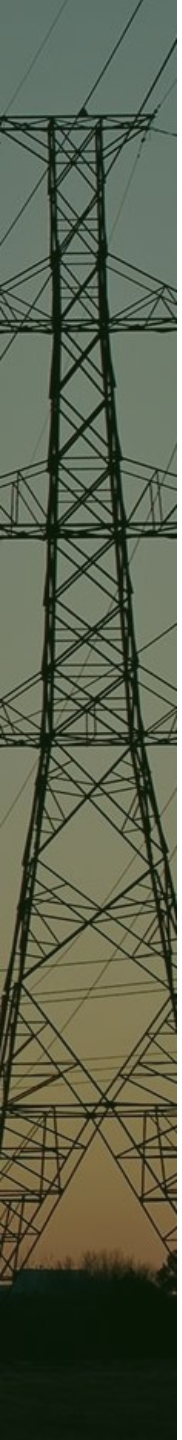
Grid Vision

Optimizing the grid we have **today,** while…

Building the grid we need for **tomorrow**

Delivering affordable, abundant, and reliable power

Driving American prosperity and AI leadership



Delivering Our 800GW Grid Vision with 5 Solutions

		Added capacity by 2035 (GW)
Optimize	1 **Deploy –** ATTs to increase transfer capacity on the existing grid	~120-170
	2 **Develop –** on-site and local power generation to support load growth	~100-200
	3 **Install –** storage and controllable load to shift demand and reduce peak strain	~120-250+
Build	4 **Expand –** local transmission to relieve bottlenecks and connect new supply	~200-300
	5 **Connect –** links between regional seams to improve reliability and reduce costs	~50-150

Enablers: Policy reform, **technology** acceleration, and **market** alignment are critical to building the future grid

OpenMinds and Partners Are Focusing on Six Key Initiatives

1 The U.S. Grid Vision Plan

Communicate compelling, impactful grid vision plan

BAIN & COMPANY

2 Federal and State Policy

Inform policy to expedite transmission optimization and build

3 AI Planning

Encourage AI planning adoption

Microsoft ThinkLabs EPRI

4 ATTs

Deploy ATTs at a higher frequency

EPRI QUANTA RMI

5 Shovel Ready Interconnects

Accelerate specific and high value high-value transmission projects

GridStrategies

6 Speed to Power Loop

Initiate the development of multi-region transmission project

Utilities IPPs

Project Selection: Existing 6 projects selected for highest near-term OM impact
Projects for future consideration include nuclear, geothermal, storage, etc.

Our Grid Vision Plan Summary

The Challenge

- Electricity demand will rise ~40% by 2035, but **today's grid is too outdated and fragmented to deliver optimal results**

The Vision

- **Interconnected grid** that efficiently meets rapid and changing load growth
- **Reliable power** that withstands extreme weather and tolerates peak stress events
- **Affordable power** that protects ratepayers while investing for the future
- Electron-neutral system that **delivers America's lowest-cost power regardless of energy source**

How We Deliver

- Optimize existing infrastructure with ATTs*
- Demand-side efforts such as distributed generation and storage
- Build more transmission lines both in-region and across regional seams
- Enabled by policy, technology, and market actions

Who Must Act

- Policymakers: Reform planning, permitting, and cost allocation
- Utilities & RTOs: Deploy ATTs, expand transmission, and integrate distributed assets
- Markets & Regulators: Align incentives to drive outcomes
- Tech Providers: Innovate to improve tech and showcase value

Note: *ATT: Advanced transmission technology are technologies that increase the capacity, efficiency, or flexibility of existing transmission infrastructure, including technologies such as advanced reconductoring, dynamic line rating, advanced power flow control, etc.

NextGen Leaders Program: Mission & Vision

MISSION:

Identify, empower, and connect the next generation of purpose-driven global energy and climate leaders to act on the Dual Challenge of **more energy, less emissions - fast.**

We are not just preparing leaders for the future. We are mobilizing changemakers who will redefine it.

- Best-in-class talent from **leading universities**
- **Diverse** backgrounds and capabilities
- **Impactful** real-world experience
- Rigorous **ongoing training**, networking, and mentorship
- Interconnected **community and voice**
- **Lifelong commitment**

VISION:

*Over the next decade, NextGen will be a community of **300+ exceptional leaders catalyzing the next generation** for significant global energy and climate impact by shaping policy, transforming markets, founding companies, and scaling ideas into action.*

2026 NextGen Steering Committee

Co-Leaders

Dr. Naomi Boness
Managing Director
Stanford Natural Gas and Hydrogen Initiatives

Dr. Robert Johnston
Director, ENR, and Professor, U of Calgary

NextGen Representatives

Michael Ettlinger
Michigan MEng/MS NG25

Andrew Lin
Rice University PhD ChemE NG25

Sam Hall
Founder, GrowthFactor MBA MIT NG24

Amanda Studebaker
Senior Associate SCP Stanford MBA/MS NG24

Committee Members

Carrie Braddock
SLP MD
Stewardship/ Impact

Keila Diamond
Managing Director and Head of ESG
Quantum Energy Partners

Georgina Flatter
CEO
Greentown Labs

Dr. Neil Fromer
Executive Director
Resnick Sustainability Institute, CalTech

Ira Joseph
Global Fellow
CGEP, Columbia University

Dr. Shannon Miller
Founder & CEO
Mainspring Energy

Dan Recht
MD Activate Boston

Monika Simões
CEO & Founder
Energy Dialogues, Inc.

Ben Soltoff
Entrepreneur in Residence
MIT's Martin Trust Center for Entrepreneurship

Dr. Mike Witt
Chief Sustainability Officer
Northrop Grumman

David Pruner
Executive Director
TEX-E

***Dianne Ledingham**
Advisory Partner
Bain & Co

* Former Chair

NextGen Program Director

Kristin Barbato
Director of NextGen Program

Our Steering Committee comprises leaders in industry, academia, and NextGen Leader representatives.

They serve as corporate and university liaisons as well as NextGen mentors and coaches.

This sounding board provides insights for our long-term vision and driving the impact our leaders can make to support the Dual Challenge.

Our NextGeners are Highly Accomplished

100+ Leadership roles

50+ Publications from cohort members

25+ Work with non-profits

6+ Companies founded

3 Veterans of the US Armed Forces

NextGeners Represent 19 Schools in Our Community

2026 NextGen Cohort

Vladimir Abdelnour
Arizona State University
PhD – Systems Engineering

Yasmin Afshar
Arizona State University
PhD – Human & Social Dimensions of S&T

Mofopefoluwa Ajani
Stanford University
PhD – Energy Science & Engineering

Mohammed Aldossary
Harvard University
MBA/MPA-ID

Mitchell Breitbart
Harvard University
MBA

Isabelle Callaghan
MIT
MBA

Corson Chao
MIT
PhD – Materials Science & Engineering

Natalie Chung
Princeton University
PhD – Science, Tech & Env. Policy

Dylan Cooper
Rice University
MBA

Sylvia Ebenbach
Northwestern University
JD-MBA

Helena Epstein
UC Berkeley
MBA

Guilherme Fasolin
Vanderbilt University
PhD - Political Science

Elana Fortson
Harvard University
MBA

Yirui Gui
Columbia University
MPA – Climate, Energy & Environment

Zara Inam
MIT
MBA

Yeondoo Jeong
UT Austin
MBA/MA – Energy & Earth Resources

Young Ko
MIT
PhD – Mechanical Engineering

Aria Kovalovich
Columbia University
Master of International Affairs

Tyler Mangini
Harvard University
MS/MBA – Energy Science

Audrey McManemin
Stanford University
PhD – Energy Science & Engineering

Keerthi Medicherla
Harvard University
MBA

Bright Odike
Texas A&M
PhD – Chemical Engineering

Hari Krishna Parthasarathy
Arizona State University
PhD – Electrical Engineering

Subhechchha Paul
Stanford University
PhD – Mechanical Engineering

Nazifa Rahman
University of Calgary
MSc – Sustainable Energy Development

Ryan Rastegar
University of Chicago
MPP/MBA – Energy & Env. Policy

Harshvardhan Sanghi
Harvard University
MS/MBA – Engineering Sciences

Aarav Seth
Stanford University
MS – Atmosphere/Energy, Civil & Env. Eng.

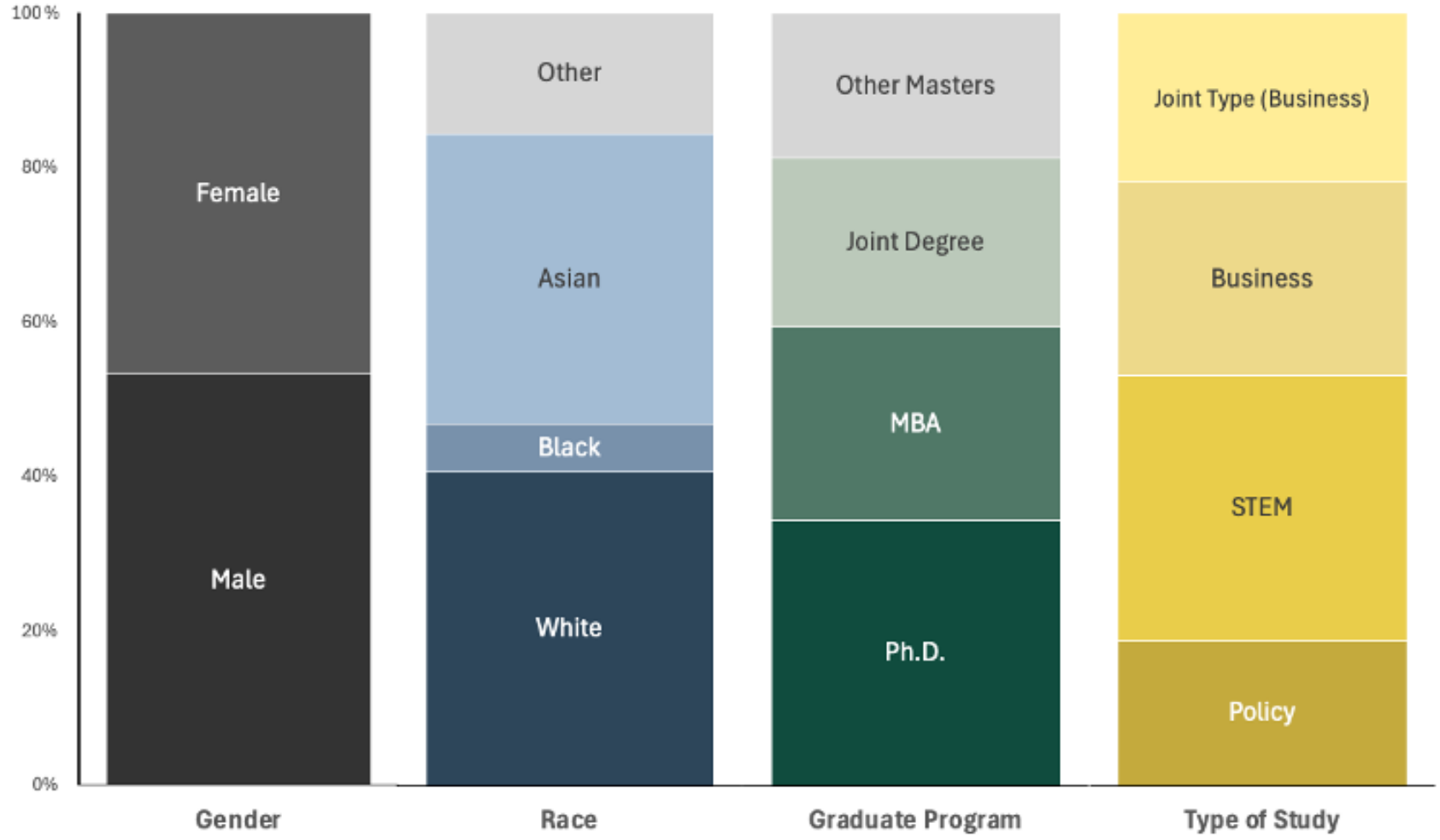
Kira Smiley
Harvard University
MBA

Kenneth Taylor
University of Michigan
MBA

Dimitrios Voulanas
Texas A&M
PhD – Petroleum Engineering

Ka Ying Wong
Columbia University
MPA – Climate, Energy & Environment

The 2026 cohort balances Policy, Business, and STEM degrees with study diversity and international backgrounds



First generation college students

Spoke non-English in their childhood home

NextGen Cohort 2026: Dual Challenge Project Portfolio

Topic	Advisors	Overarching question
Battery Storage	Invenergy, Origis Energy, ONCOR	How far can the U.S. battery storage market go by 2035, and what would realizing its full potential mean for grid reliability, renewable penetration, and the role of storage as a near-firm capacity resource, and what policy and market changes will it take to get there?
Bring Your Own Power (BYOP)	energyRe, VANTAGE DATA CENTERS	How much BYOP capacity will be built by 2035 to meet surging data center power demand — and what will it take to move these assets from islanded solutions to integrated, grid-strengthening resources?
Clean Firm Geothermal & Nuclear	Berkshire Hathaway Energy, CATF Clean Air Task Force	How much clean firm power will geothermal and nuclear deliver in the U.S. by 2035, what are the constraints standing in the way, and what will it take for these technologies to become a meaningful part of the grid?
Economics of Methane Abatement	Williams, three cairns group, SCF Partners	What does the full economic picture of the natural gas supply chain look like when methane leakage, detection, and remediation are properly accounted for, and what does that mean for natural gas markets, the emerging market opportunity for certified gas producers, and state and international policy?
Economic Impact of Climate Change	AON	How much is climate change costing and what does objectively quantifying that across economic outcomes through 2030, 2040, and 2050 mean for how we communicate, plan for, and build a call to action around the challenge ahead?

2025 NextGen Cohort

Nuha Abousam
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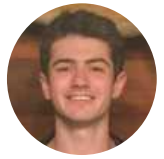

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MBA/MS – Sustainability

Yogi Nishanth
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OpenMinds

Communicating For Progress

OpenMinds Communications…

- **Inform** people of the Dual Challenge
- **Connect** relevant individuals and groups
- **Catalyze** action inside & outside of OpenMinds
- **Support** OpenMinds Impact Projects directly

Communications Steering Committee

Nate Nickerson
Communications & Public Affairs Partner, DCVC **(Lead)**

Aart de Geus
Executive Chair & Founder, Synopsys

Rob Shepardson
Founding Partner, SS+K

Rachael Porter
CMO, Oxy

Abigail Rodgers
Director
The Consello Group

Angie Shannon
AVP of Global Marketing, IES Abroad

Will Bernholz
OpenMinds Comms Director

Heidi Lauterbach
OpenMinds Comms Manager

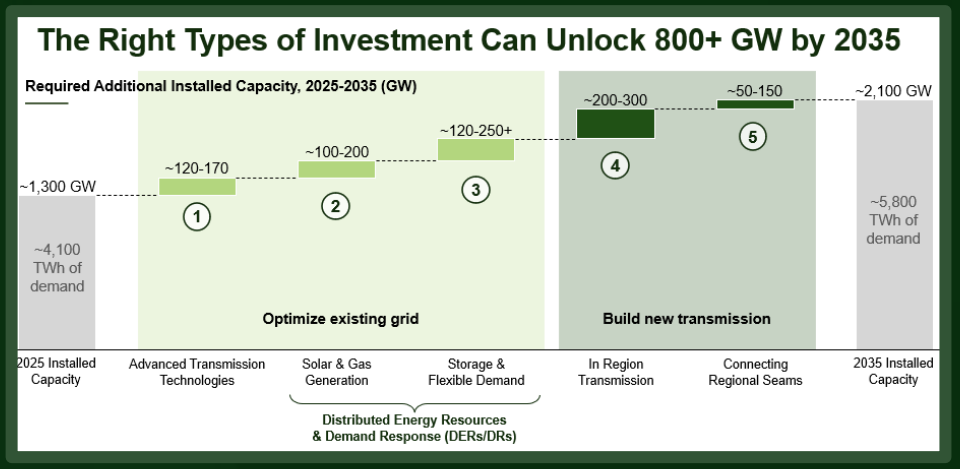
OpenMinds, Inc

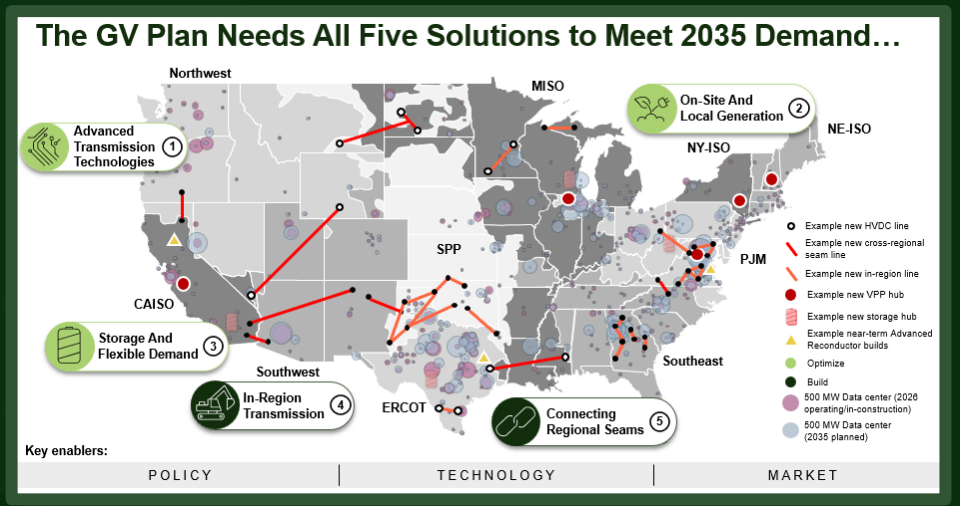
Foundational Progress To-Date

NETWORK	SOLUTIONS	LEADERS	IMPLEMENTATION
Built a Network of 125 Diverse and Collaborative Energy & Climate Organizations	Developed “P50 Baseline Model for the Future of Energy and Emissions”	Partnered with MIT, Columbia & Stanford to Establish NextGen Vision/Program	Developed a Coalition, Plan and Execution Model to Deliver U.S. Grid of the Future
Established a Global Partnership with Bain & Company for Analytical Rigor	Created a Detailed Global Emissions and Solutions Profile Across 8 Regions	93 Current Young Leaders Developing a Shared Impact Plan	Finished 17 Supporting Impact Projects

Impact Example #1: Grid Vision

- **Delivered a practical roadmap** to "Electrify America" and meet rapid near-term load growth while maintaining affordability and reliability
- **Implementation with broad consensus** through a coalition of 100+ grid experts
- **Created a list of 18 actionable**, catalytic, shovel-ready interconnects that will unlock 65 GW of power
- **Launched collaborative implementation projects** to accelerate AI planning and advanced transmission technologies





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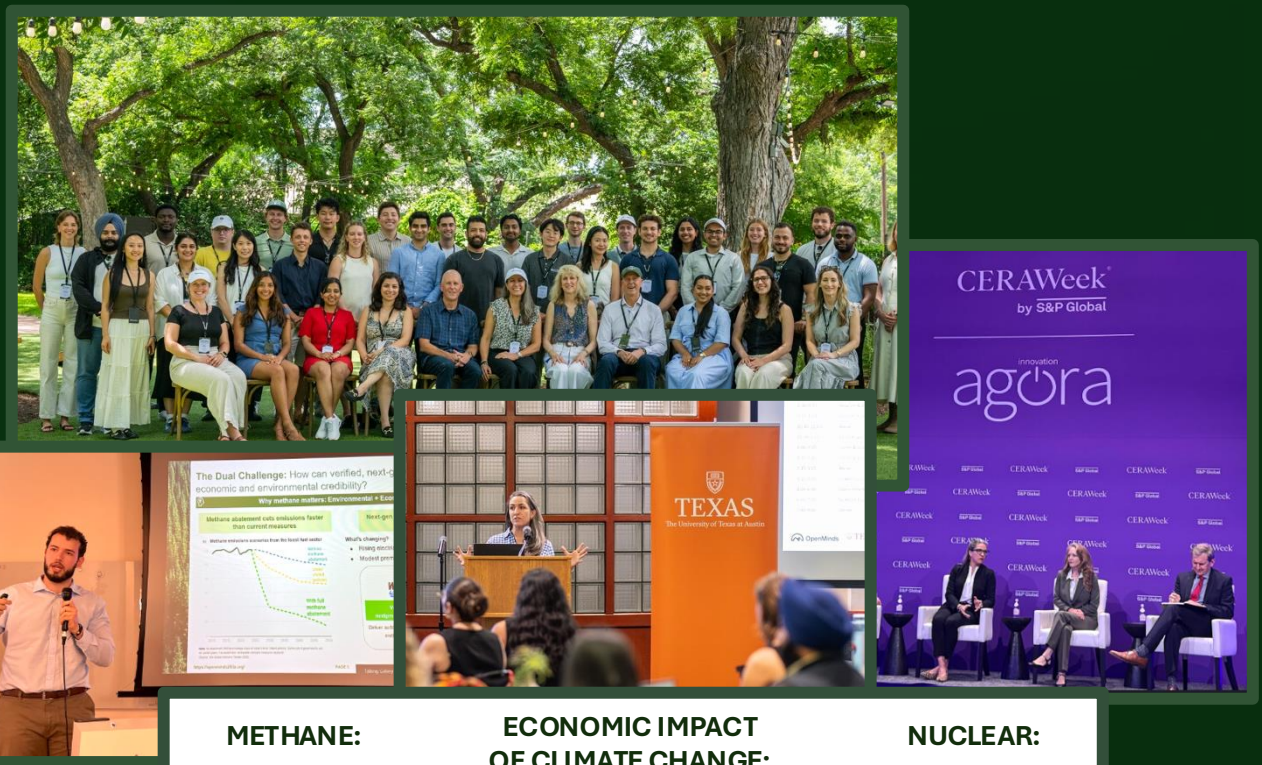
Impact Example #2: NextGen Leaders

- **93 Emerging Leaders** Across 3 cohorts *(on the path to our goal of 300 leaders over 10 years)*
- **Founded with Leading Universities**: MIT, Stanford, and Columbia
- **19 Universities** Represented
- **17 Impact Projects** Delivered with Key Sponsor Support

VISION: 300 leaders, across all disciplines and geographies, to transform the future trajectory of energy and climate progress



METHANE: Williams

ECONOMIC IMPACT OF CLIMATE CHANGE: AON

NUCLEAR: Microsoft

RENEWABLE POWER: NEXTera ENERGY

CARBON CAPTURE UTILIZATION & SEQUESTRATION: CALPINE

BRING YOUR OWN POWER: VANTAGE DATA CENTERS

Impact Example #3: Communications

- **Advancing the "Energy AND Climate"** narrative to create alignment amongst key leaders and policy makers
- **Delivered through** social media, hosted webinars, large-platform speaking engagements, in-person events, and 30-40 influential spokespersons
- **Developed a resource-rich website** and a global energy and climate dashboard to track key metrics

VISION: Create a new movement amongst key energy and climate leaders to accelerate alignment and progress on shared solutions.

OpenMinds

We look forward to staying in touch!

Learn more about OpenMinds, the Dual Challenge, and our Top 10 solutions

https://openminds203x.org/

OpenMinds

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Our History:

OpenMinds

UNITE

Late in 2021, a group of scientists, CEOs, entrepreneurs, and policy experts across energy and climate met. After reviewing the data, they agreed: solving for more energy and less emissions ***at the same time*** would spawn unprecedented collaboration and better address two of the **world's most urgent challenges**.

DEFINE

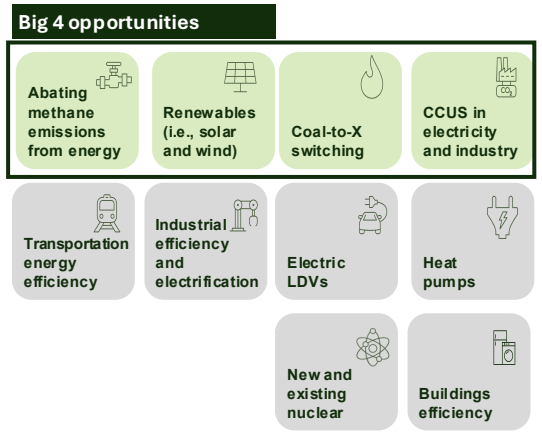
Early in 2022, OpenMinds enlisted the support of consultancy Bain & Company, initiating an extensive review of energy and climate data. An expanded team of OpenMinds experts met to review & align on a **shared problem statement**:

The world needs **more energy** to enhance health & prosperity. However, unchecked, **rising greenhouse gas emissions** will diminish quality of life, globally.

More energy, less emissions, *fast*.
This is **the Dual Challenge.**

SOLVE

OpenMinds developed an **analytical framework** to identify **ten top Dual Challenge solutions** — using a shorter, ten-year time horizon, rather than typical 2050 goals. The expert team prioritized the solutions based on **costs, speed of deployment, and scale of emissions abatement**, and then mapped the solutions against a proprietary baseline forecast, built by Bain's Intersect team, of global energy demand, supply mix, emissions and warming. This baseline allows OpenMinds **to assess each solution without bias and focus on removing bottlenecks to accelerate each solution.**



IMPACT

In 2025, we transitioned to a focus on driving impact. OpenMinds is now organized around **three impact projects** — (i) one focused on catalyzing our Top 10 Solutions, including our flagship project, *Grid Vision*, driving a **more secure and reliable** US grid, (ii) one on creating **next-generation energy and climate leaders**, and (iii) one to develop **communication tools** to foster broader alignment amongst energy and climate leaders, and to **accelerate Dual Challenge** progress.

1 Flagship Catalyst Project: Grid Vision

2 Developing NextGen Leaders

3 Communicating to Drive Progress

OpenMinds is built for this moment. Global consensus is building around the need for **more energy with less emissions, costs of solutions are coming down**, and **collaboration is becoming more widespread.**

OUR VISION

OpenMinds' vision for success by 203X is a world united by the need to solve for **affordable energy** and a **stable climate** simultaneously. Energy will come from diverse sources and will be affordable and reliable across the globe. **Emissions will be declining**, and climate impacts stabilizing. New technologies and supportive policies will provide additional tools and resources to accelerate progress. Leaders driving this progress will be recognized for both **business successes** and **societal impacts**, making it easier for new people and organizations to become involved. And the model for collaboration between historically opposed forces will create a framework for future success across new challenges.

Solving for the
Dual Challenge.