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THE UNITED STATES AND CLIMATE ACTION: RECENT DEVELOPMENTS

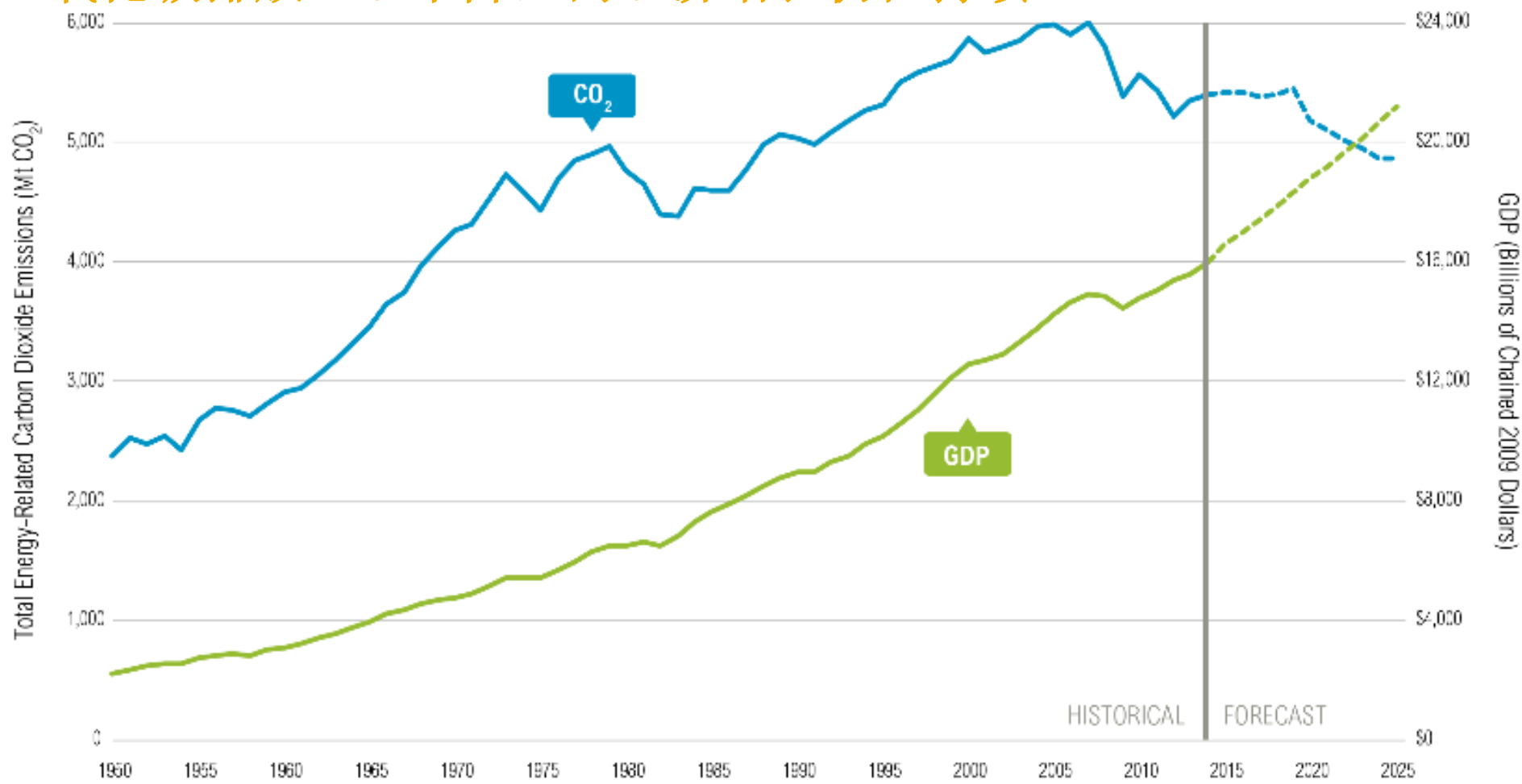
美国及其气候行动近况

Manish Bapna | Executive Vice President and Managing Director, WRI

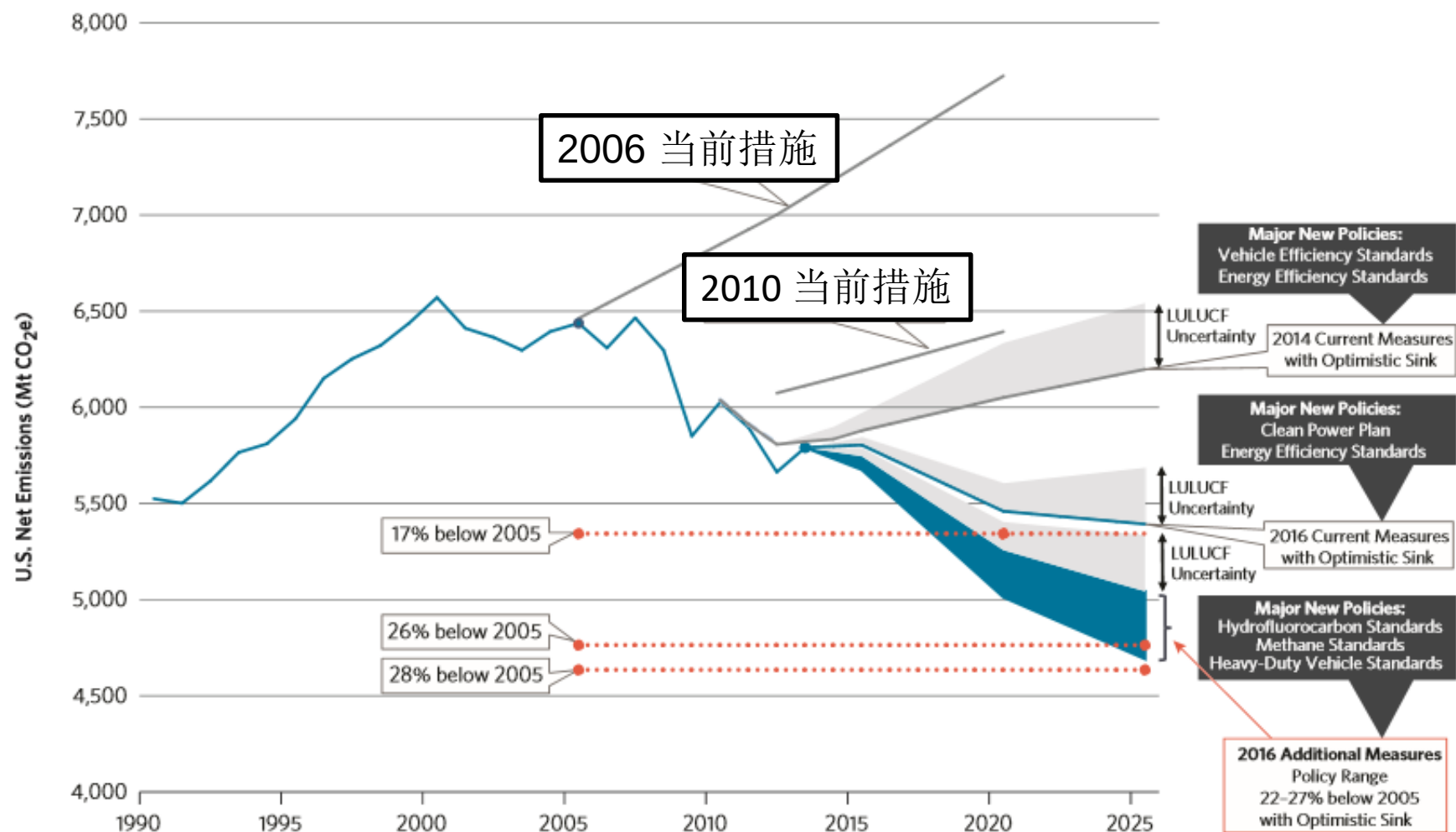
马尼希-巴布纳，世界资源研究所执行副主席兼常务董事

U.S. CARBON DIOXIDE EMISSIONS HAVE FALLEN WHILE ECONOMIC GROWTH HAS CONTINUED

美国二氧化碳排放已经下降，而经济增长仍在持续



POLICIES ADOPTED BY THE OBAMA ADMINISTRATION CAN REDUCE GREENHOUSE GAS EMISSIONS 奥巴马政府采取的政策能减少温室气体排放



A NEW ADMINISTRATION 新一届政府



Photo: Flickr / Matt Johnson

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PRESIDENT TRUMP HAS ALREADY STARTED TO ROLL BACK CLIMATE AND CLEAN ENERGY PROGRESS 特朗普总统气候和清洁能源政策已出现倒退

MAR. 15



EPA/NHTSA announce reconsideration of **GHG standards for car model years 2022-25.**

MAR. 16



Trump budget blueprint cuts:

- **EPA funding by 31%**
- **DOE efficiency and technology programs**
- **Payments to UN climate programs**
- **NOAA climate preparedness funding.**

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MAR. 28



Trump signs executive order which:

- Rescinds **federal guidance on climate change considerations** in project permitting
- Disbands working group on **Social Cost of Carbon**, rescinds estimates
- Rescinds executive orders on **climate resilience**
- Orders review of **Clean Power Plan**
- Orders review of **carbon rules** for new and modified fossil power plants
- Orders termination of **coal leasing moratorium** on public lands
- Orders review of **fossil fuel production rules** on public lands
- Orders review of **methane emission limits** for new and modified oil and gas systems.

APR. 11



Court grants EPA request to delay **ozone standards** case.

APR. 18



EPA seeks delay in **Mercury and Air Toxics Standards** case.

THESE ACTIONS CAN'T BE IMPLEMENTED OVERNIGHT

这些行动不会迅速得以实施

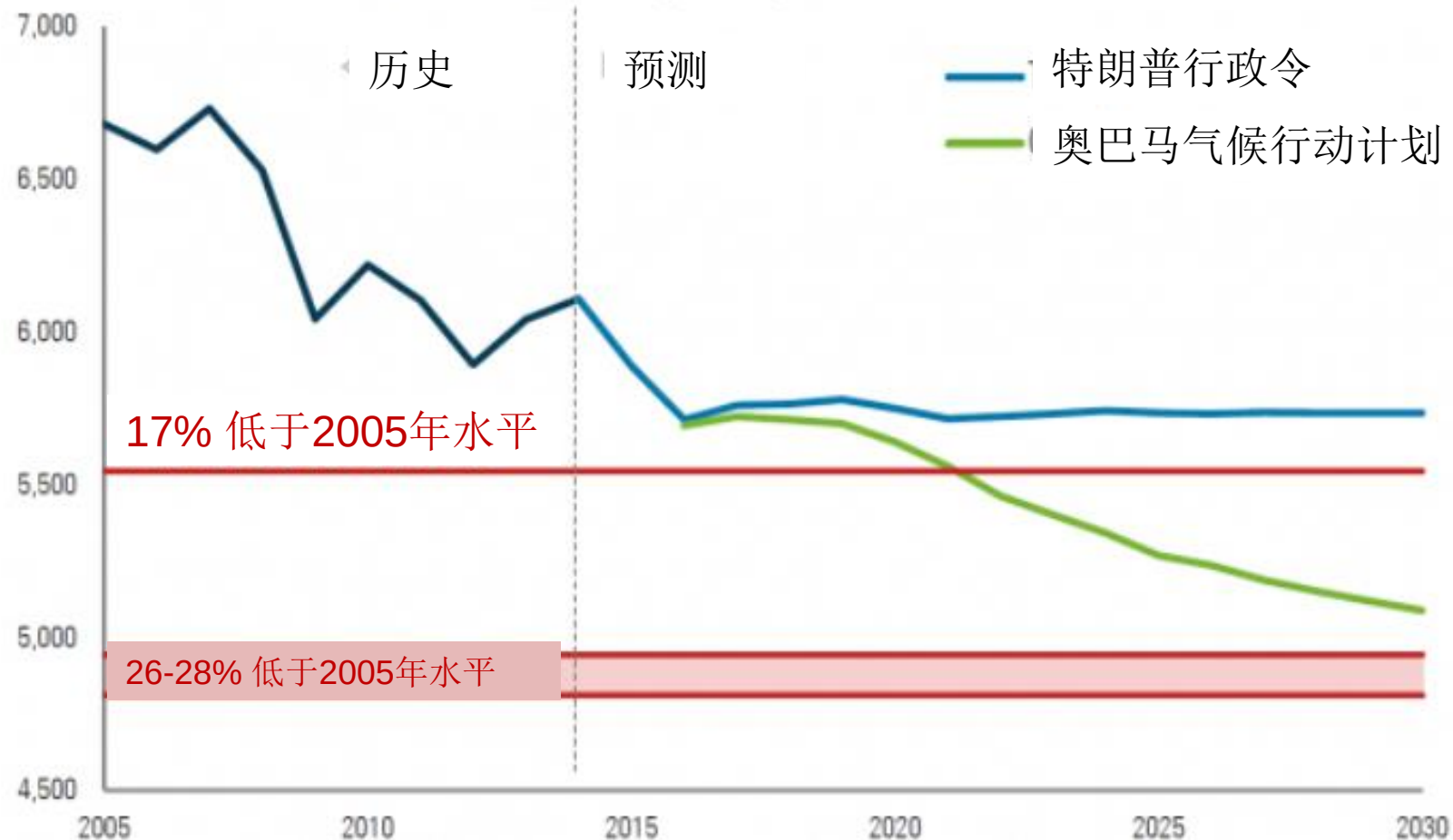
- Budget requires Congressional approval
预算需要国会审批
- Changes to regulations must follow rulemaking procedures
修改法规需要走法律流程
- Court challenges are likely
司法机关可能驳回

IF SUCCESSFUL, THESE ACTIONS MAY SET BACK THE NATION'S EFFORTS TO REDUCE GHG EMISSIONS

如果成功，这些行动将挫败美国的减排努力

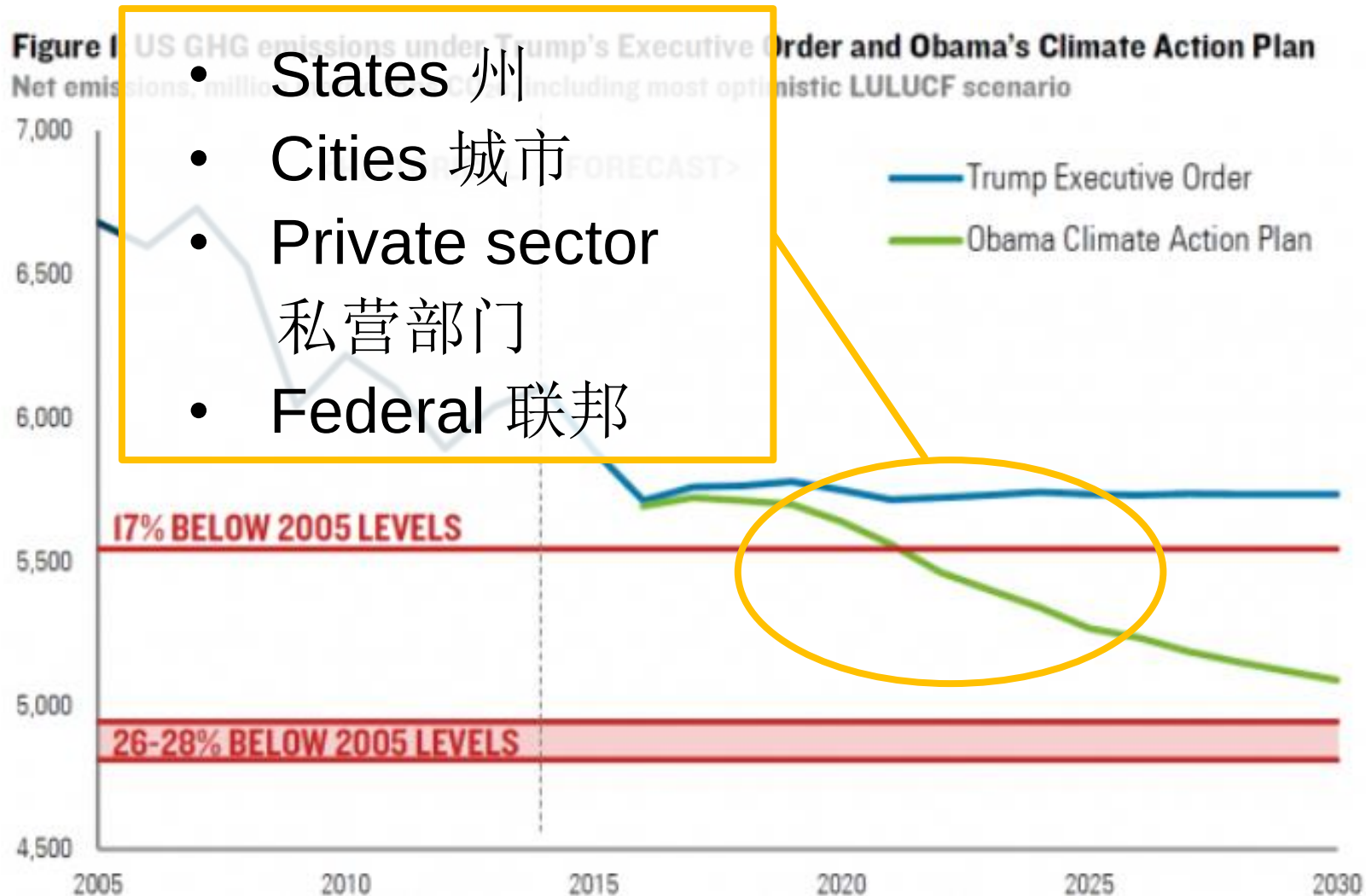
Figure I: US GHG emissions under Trump's Executive Order and Obama's Climate Action Plan

Net emissions, million metric tons CO₂e, including most optimistic LULUCF scenario



WILL IT BE POSSIBLE TO CLOSE THE GAP?

目前的情况呢？减排目标还能实现吗？



STATES HAVE LONG BEEN CLIMATE LEADERS...

州一直是气候行动先锋

20

GHG emission reduction targets

温室气体减排目标

plus Washington, D.C.

37

Renewable Portfolio Standards & goals

可再生能源标准和目标

plus Washington, D.C.

28

Energy efficiency resources standards & goals

能源效率资源标准和目标

10

Carbon pricing programs 碳定价项目

10

Zero-emission vehicle mandates 零排放车辆强制执行

...AS HAVE CITIES 城市也是

- 60 Municipalities from 28 different states are helping defend EPA's Clean Power Plan in the courts

28个州的60个城市在法庭上为环境署的清洁能源法案辩护

- 133 U.S. cities are working to address climate change through the Global Covenant of Mayors

133个美国城市通过“全球市长协定”应对气候变化

- 10 cities have a 100% RE target: Burlington VT, Greensburg, KS, Aspen CO, Ithaca, NY, Georgetown, TX, Los Angeles, CA, San Jose, CA, San Francisco, CA, Santa Barbara CA, San Diego CA
- 10个城市有100%可再生能源目标

HOW WILL THE PRIVATE SECTOR RESPOND? WHAT ROLE WILL INNOVATION PLAY? 私营部门如何回应？创新的角色如何？

- Over 1,000 US companies and investors have signed the Business Backs Low Carbon USA statement.

超过1000家美国企业和投资者已签署“商业机构支持低碳美国”声明

- 240 US Fortune 500 companies have a GHG, renewable, or energy efficiency target (or some combination thereof).

240家美国财富五百强公司有温室气体、可再生能源或能源效率目标（或综合指标）

- US companies have signed contracts for >7.5 GW of renewable power since 2012

自2012年以来，美国企业已经签约超过7.5GW的可再生能源

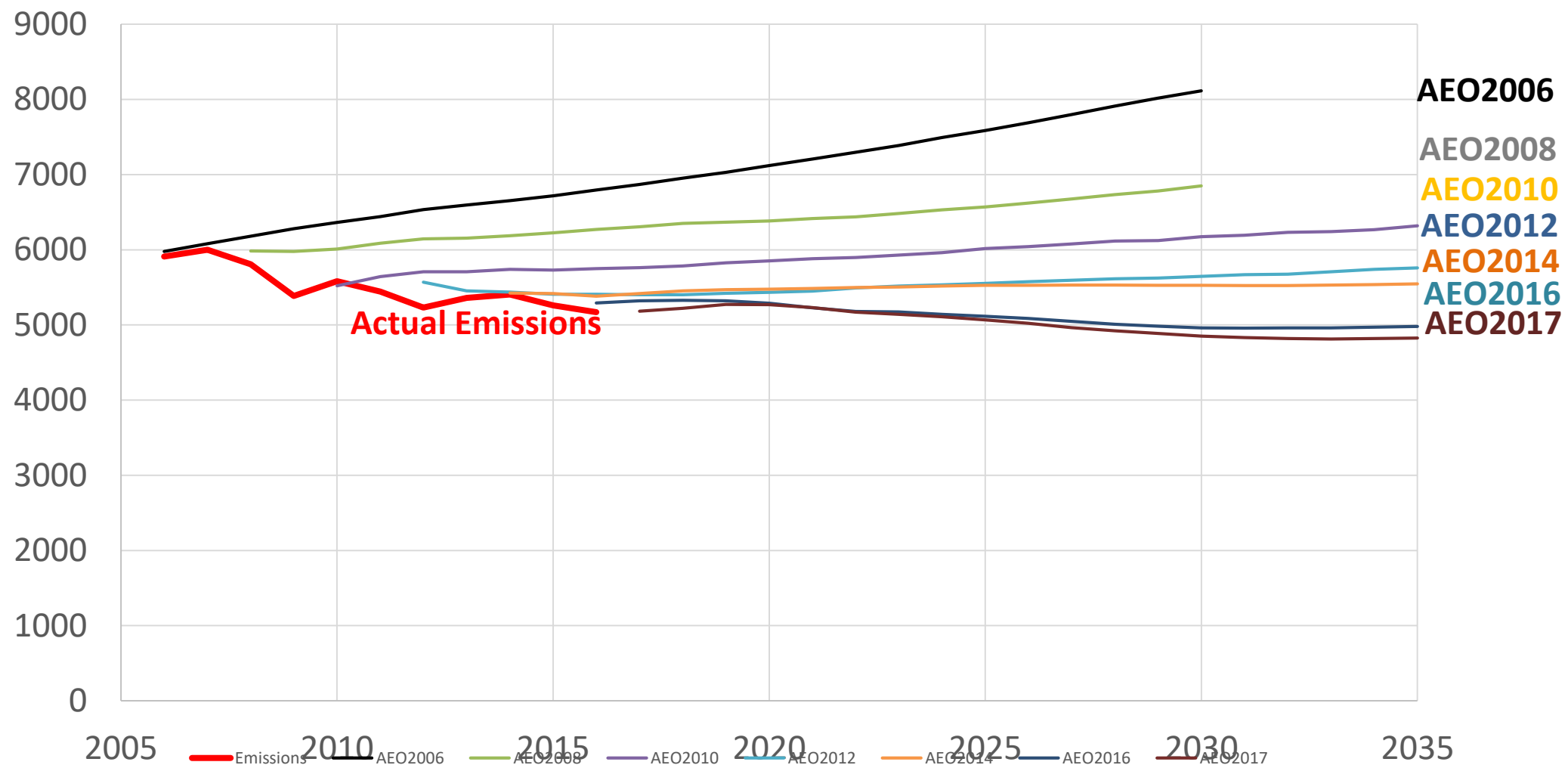
IS FEDERAL ACTION ON CLIMATE CHANGE POSSIBLE?

联邦层面是否可能采取气候行动？

- Carbon price via tax reform
通过税制改革实施碳定价
- National infrastructure plan
国家基础设施计划
- Trade 贸易

美国实际和预计的二氧化碳排放情况

Actual vs Projected U.S. CO2 Emissions



WILL TRUMP WITHDRAW THE US FROM THE PARIS AGREEMENT?

特朗普政府是否会让美国推出巴黎协定？

COP21/CMP11

Paris France





WHAT DOES THIS MEAN FOR CHINA-US RELATIONS? 这对中美关系意味着什么？





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THANK YOU
