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**US Technology Innovators' "Call to Action"
for Cooperation in Copenhagen**

As America's technology innovators who are actively advancing our world's shift to low-carbon economies—via entrepreneurship, engineering, research and development, capacity building, technical trainings, policy design, and financing, among other activities—we urge President Obama to agree to ambitious actions in the Copenhagen climate talks. Authentic leadership is urgently needed also from Congress to align America's domestic climate policies with our international interests in creating the new rules vital to US competitiveness in the growing global market for clean energy and climate-friendly technologies. Now is the time to lead, or be left behind.

The December 2009 meeting of the United Nations Framework Convention on Climate Change (UNFCCC) is an historic opportunity to set in motion global economic transition while addressing the moral imperative of our time.

We call for Copenhagen to forge agreement on an ambitious, comprehensive technology mechanism to provide developing countries the technology and finance they need to develop sustainably.

We support an urgent mobilization of our national technological capabilities—public and private—to both cut our own greenhouse gas emissions and help poor countries transition their economies. America possesses many of the tools urgently needed by developing countries to meet the climate challenge. Our historical responsibility for solving today's crisis compels us to unite in a "call to action" for expanded cooperation to help create new pathways to low-carbon prosperity. **Without the expansion of an international framework for cooperative action, we cannot reduce global greenhouse gases, nor will we be able to support the adaptation measures and low-carbon development strategies of our most vulnerable developing country partners.**

A unified national strategy to guide our efforts in international energy cooperation should prioritize accelerating development and deployment of climate technologies across the global innovation chain by providing:

- **Capacity-building for new policy frameworks to price carbon and transition economies;**
- **Cooperative research and development among teams of scientists and engineers;**
- **Direct access to training, skills, and know-how that enable environmentally sound technologies and practices to flourish;**
- **Speedy financing for technology development, demonstration, and diffusion;**

We see at least four essential elements needed for a successful outcome for technology cooperation in Copenhagen:

Innovation Centers to catalyze new cooperation

We support an expanded network of regional innovation centers around the world that will cooperatively develop the skills and capacities developing countries need to support their adaptation and mitigation efforts, ultimately replacing fossil fuels infrastructure with clean energy.

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Institutional arrangements that are ambitious and accountable

We must meet the climate challenge at a speed and scale necessary to address the magnitude of today's emergency. To create a comprehensive and robust institutional framework, we support the call for an executive body under the UNFCCC that is geographically representative and technologically competent. We encourage US negotiators to consider the needs expressed by developing countries for an expanded institutional arrangement.

Intellectual property issues discussed

We recognize the need for the US to consider a more engaged approach to intellectual property issues than the current outright dismissal of all developing country concerns. Opportunities to craft win-win solutions can only emerge through discussion.

Committed finance on the table

We believe that climate authorities—informed by science and instructed by a transparent process—must govern climate funds. That is why we support a finance mechanism with an operating entity that is accountable to all the negotiating parties under the UNFCCC. President Obama should act on his G20 Pittsburgh promise by rapidly shifting fossil fuel subsidies (for both domestic and international expenditures) to instead support conservation, efficiency, and renewable energy technologies.

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Through our joint efforts, we aim to strengthen the level of ambition US negotiators feel empowered to propose in Copenhagen. Developing countries must know that their needs are being heard, and that a national mobilization is taking place to support their transition to low carbon development. Supporting developing country needs is also in America's own interest since this transition is an epic opportunity for economic renewal here at home, and a stable climate is the foundation of the world's collective security.

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