

## **Breakthrough Energy Ventures (BEV) – Fact Sheet**

### **BEV is an investor-led fund guided by scientific and technological expertise.**

- Members of the Breakthrough Energy Coalition (BEC) have committed to invest more than \$1 billion to invest in new technologies.
- BEV is composed of 20 investors located around the world.
- BEV's accomplished investors have the unique experiences and worldwide networks needed to attract top expertise for the fund and partners for investments.

### **BEV is committed to investing patient and flexible capital in early stage technologies.**

- BEV will have a 20-year lifespan, which we believe will allow investors to achieve market success on a long-term basis.
- Key milestones will be evaluated based on scientific and technical progress that move technologies closer to deployment, but the ultimate judge of the fund's success will be risk-adjusted returns.
- BEV investments, alongside increased government R&D, are expected to increase the speed and scale at which promising energy developments are brought from the lab to the marketplace.
- BEV is not confined to any segment of the investment pipeline. It can engage in everything from seed and early-stage investments to commercialization.
- BEV will consider investments across a number of sectors, including electricity generation and storage, transportation, industrial system use, agriculture, and energy system efficiency.

### **The growing global demand for reliable and affordable clean energy creates market opportunity.**

- The global energy market is currently sized at six trillion dollars, and energy demand is expected to grow by one-third by 2040.
- Expanding energy access for currently underserved regions including Sub-Saharan Africa, South Asia, and Southeast Asia will drive energy demand in the future. To fulfill this need, we need to create reliable, affordable, and zero-emissions energy technologies that adhere to the climate agreements most countries have signed.

### **BEV is the next step for the Breakthrough Energy Coalition.**

- The Breakthrough Energy Coalition (BEC), launched in December 2015, is an international group of investors committed to developing technologies that will create the energy mix of the future.
- The BEC was launched alongside Mission Innovation, a global initiative of 22 countries and the European Union - which represent more than 80 percent of global clean energy R&D budgets - to accelerate the pace of energy innovations through smart government spending on research and private spending on commercialization.
- Alongside the launch of BEV, the BEC also introduced the "Landscape of Innovation," an outline of the broad mix of technologies that deserve both public and private investor attention in order to reduce emissions while also providing affordable, reliable energy to the world.