

cyclotronroad

Friends and colleagues,

As the days get shorter, most folks in the Bay Area start thinking about winter, which means rain—or least, that's the hope. Water security is the focus of some big news up here at Berkeley Lab. An LBL-led consortium of national labs, academic, and industry partners is set to head a five-year, \$100-million [Energy-Water Desalination Hub](#) to address U.S. water security issues and support early-stage research and development for energy-efficient and cost-competitive desalination technologies.

Lab Director Mike Witherell shared the news last month at Activate 2019, the technology showcase that has been an important annual event for the Cyclotron Road community since 2016.

But it wasn't the only energy innovation news of the day. [Antora Energy](#), co-founded by fellows David Bierman, Justin Briggs, and Andrew Ponec, marked a major milestone: developing a thermophotovoltaic heat engine that is more than 30% efficient. MIT Technology Review reported the breakthrough as part of its deep dive into the [next wave of energy storage](#) technologies.

Fall's arrival also means it's time to start looking for the next cohort of fellows at Cyclotron Road. Between now and Nov. 6, Cyclotron Road is [accepting applications](#) for Cohort 2020. So if you're a scientist or engineer ready to take the next step in turning your innovation into impact, click the apply button below.

Scroll down for more news and updates from the Cyclotron Road community, and have a happy fall!

Onward!

The Cyclotron Road Team

APPLY TODAY

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- [NPR talked to Chris Eberspacher](#), managing director of [Tandem PV](#) and a Cohort 2016 fellow (along with co-founder Colin Bailie), about his perspective on the oil industry's solar ties
 - Analysis from the Information Technology & Innovation Foundation (ITIF) on [NSF's SBIR Program](#) includes vignettes with [CinderBio](#) and [Opus 12](#) (which [won a Keeling Curve Prize](#) this summer).
 - Speaking of Opus 12, CSO Etosha Cave and CEO Nicholas Flanders are featured in this *Science* article on how [renewable energy is helping industry](#) wean itself off carbon feedstocks.
 - In episode three of Bill Gates' biopic [Inside Bill's Brain](#), the philanthropist spends time with innovative climate-focused startups—including those led by fellows Ray Weitekamp, Etosha Cave, Kendra Kuhl, Tim Latimer, Andrew Hsieh and Tom McDonald.
 - Join us at VERGE, Oct. 22-24 at the Oakland Convention Center, to learn more about accelerating the clean economy. [Register](#) with code V19CYCL for 10% off.
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