

**2021 H2@Scale CRADA Call Supporting ARIES
Questions (*and Responses*) Received June 7–14, 2021**

1. In the CRADA Call, DOE encourages proposals that leverage existing capabilities at the national laboratories and avoid duplication of capabilities across the national lab system. Would DOE consider a project that would leverage new proposed infrastructure to be procured by a national lab in FY22?
 - *Yes. DOE-HFTO still encourages proposals that leverage existing capabilities and avoid duplication of capabilities at other labs, but DOE-HFTO would also consider the leveraging of future capabilities, especially if those capabilities would be funded through other sources. The proposal should address when any new capabilities would be available.*

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Questions (and Responses) Received June 15–17, 2021**

2. Is building heating equipment fueled by hydrogen blended into natural gas appropriate for topic area 1 under the subject call?
 - *Generally, end use applications that use hydrogen blended with natural gas would be considered responsive to the CRADA call. As stated in Topic 1, areas of interest include, but are not limited to “Innovative and Expanded Hydrogen End-use Applications (e.g., heavy-duty transportation, hydrogen blending with natural gas, industrial uses, etc.)” and “other integrated demonstrations showcasing the H2@Scale concept.” Note: Only proposals that complement scope within existing DOE-funded R&D on hydrogen blending will be considered for funding. Collaboration and coordination with existing projects are highly encouraged, and duplication of scope or capabilities across national laboratories will not be funded. Reminder: For Topic Area 1, the CRADA project must include NREL as an integral partner and integration with ARIES is required.*
3. The CRADA call requires 30% matching funds, with 10% cash-in. Is the 10% cash-in mandatory, or is it possible to apply for a waiver to that requirement?
 - *Federal funding must be cost shared at 30%, including at least 10% cash into the national laboratories. There is no waiver to this requirement.*
4. Is a field demonstration necessary or required under Topic Area 2?
 - *Under Topic Area 2 (Applied Risk Assessment and Modeling for H2@Scale Applications), field demonstration testing is not required, but it is welcome.*
5. For Topic Area 1 (H2@ARIES) can an industrial partner use project funds to lease a system to be installed at ARIES rather than purchase/own it?
 - *Leased equipment for use at ARIES can be considered part of the partner in-kind cost-share, but all DOE funds as well as the 10% cash-in cost share contribution need to be spent at national labs.*

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6. Is the title page included in the 15-page limit?
- *Yes, the Title Page is included in the 15-page limit.*