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# 2020 KIER International Joint R&D Project Funding Program

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May 2019

Global R&D Strategy Team

Korea Institute of Energy Research

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## Outline

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### Objectives

- To promote top-tier cutting edge research in the energy technology including separation and conversion materials, energy materials, thermal energy system, photovoltaic, fuel cell, hydrogen and fuel cell, clean fuel energy, system convergence by international joint R&D projects

### Outcome

- The 2020 KIER international joint project\* will be funded by KIER.

#### \* Description for KIER's International Joint R&D Project

- Approx. 150 million won at maximum will be allocated for each project. (funding to KIER 50M KRW / the foreign partner 100M KRW, at the most)

#### \* Lists of the project since 2014

- [2014 select, 2015 Jan–Dec] Univ. of North Texas, UC San Diego, and Washington State Univ.
- [2015 select, 2016 Jan–Dec] Univ. of Cincinnati, Rensselaer Polytechnic Institute, NCSU
- [2015 select, 2016 Jan–Dec] Technical University of Denmark, University of Oxford
- [2016 select, 2016 Nov–2017 Oct] University of Waterloo, University of Saskatchewan
- [2017 select, 2018 Jan–Dec] Harvard, GIT, WSU, Fraunhofer CSP, Oxford
- [2018 select, 2019 Jan–Dec] BNL, Loughborough, Nottingham, Tsinghua, Southeast University

### Candidates qualifications

- Any Scientists and engineers in need of KIER's funding support with an aim for advancing state of the art research in the area of energy technology
- And those with more than 3 years of relevant professional career

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## Process

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- Any scientists and engineers who meet the abovementioned qualifications are eligible to apply and submit foreign PI's concept paper (CP) and CV by June 28(Friday), 2019.
  - Proposal CPs relevant to KIER's 9 CPs (refer to the list) only are eligible for this funding program.
  - If you submit CP with no relevance with KIER's 9 CPs, then it will not be accepted as funding program this year. However, it will be referred and shared among KIER's researchers when applying in 2020.
  - Overhead cost cannot exceed 20% of total budget cost (This rate can be negotiable after the final selection)



- After the *1<sup>st</sup> proposal evaluation\**, several top-ranked candidates will be selected as eligible partners for full proposal submission with 9 KIER PIs. One

partner for one KIER PI will be matched by the 1<sup>st</sup> evaluation during the 1<sup>st</sup> week of July, 2019. It will be evaluated by your submitted written Concept Paper and your CV only. (No oral presentations)

\* 1<sup>st</sup> evaluation by KIER International Cooperation Committee



- KIER will award two (2) projects (number is changeable) which successfully pass the final *presentation evaluation*\*\* as KIER's international joint projects.

\*\* *Final presentation evaluation* by KIER International Cooperation Committee and Research Committee

- Presentation speaker should be both foreign PI and KIER PI
- Presentation venue will be KIER in Korea.
- Video conference presentation is also available for those who can't visit KIER.

Schedule(tentative)

Date	Contents
May 7 (Tue) ~ June 28 (Fri)	Concept paper and CV submission
1 <sup>st</sup> week of July	Concept paper evaluation(1 <sup>st</sup> )
1 <sup>st</sup> or 2 <sup>nd</sup> week of July	Announce of 1 <sup>st</sup> evaluation result and Match make partners with each KIER's 9 PIs
Sep 9 (Mon) ~ Oct 24 (Thurs)	Prepare the full proposal in English(MS word), in Korean(Hwp), and presentation Material(PPT) by writing together with matched KIER PI
Oct 25 (Fri) ~ Oct 31(Thurs)	Submission of full proposal in English(MS word), in Korean(by KIER PI), and presentation Material(PPT)
Nov 6 (Wed)	Final presentation at KIER, Daejeon, Korea Date is not decided yet. It will be informed to whom passed the 1 <sup>st</sup> evaluation.
During December	Final Evaluation and announcement of result
Dec 2019 ~ Jan 2020	Make contract between two institute and project budget remittance to Foreign Partner institute
Jan 1, 2020	Projects start.

- Submission deadline follows Korean Time
- Use the Concept Paper template (form) provided
- Full Proposal form will be provided to those who pass the 1<sup>st</sup> evaluation
- Online submission by email account [whb@kier.re.kr](mailto:whb@kier.re.kr) is available. (No fax, No postal mail)

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