2020 Australia-China Science and Research Fund Joint Research Centres (ACSRF-JRC) Australia-China Joint Research Centre for Hydrogen Energy (JRC-HE) PROSPECTUS

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This Joint Research Centre for

Techno-

Economic Analysis. Research programs hosted by the proposed JRC-HE includes fundamental material development and mechanistic investigation in several innovative hydrogen production technologies, including electrocatalytic water splitting, photocatalytic water splitting, and steam reforming; packaged equipment technology for scaling up of hydrogen production, and system integration demonstration for hydrogen end-users.

JRC-HE Goals:

JRC-HE Key industry relevant deliverables:

Near commercial cost-effective catalyst materials for H_2 production; Shovel-ready reactor design and optimization for H_2 production from renewable energies; Techno-Economic Analysis of

JRC-HE Industry participation benefits:

At current stage (before end of July), simply <u>let us know</u> if you are interested or not, and provide feedback to the proposed idea, if any.

At a later stage, providing a supporting letter stating that the research outcomes from JRC-