

Core Technology Consortium for Advanced Energy Devices

(最先端電池基盤技術コンソーシアム)

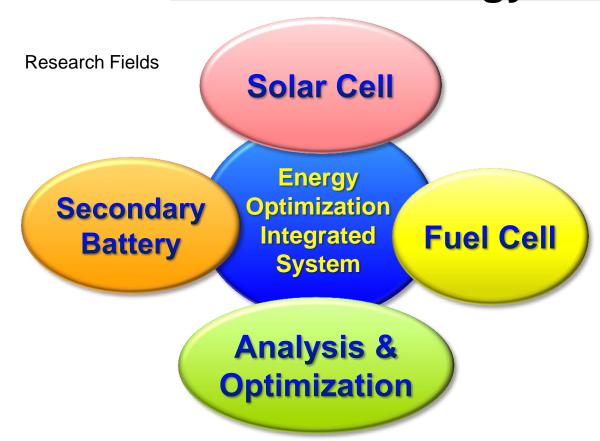
Tomohiro Kubota and Seiji Samukawa

Our web site:

http://www.ifs.tohoku.ac.jp/consortium/eng/http://www.ifs.tohoku.ac.jp/consortium/jpn/



Core Technology Consortium for Advanced Energy Devices 2013~



Various Institutes in Tohoku University

IFS (Institute of Fluid Science)

IMR (Institute for Materials Research)

IMRAM (Institute of Multidisciplinary Research for Advanced Materials)

WPI (World Premier International Research Center)

NICHe (New Industry Creation Hatchery Center)

Director

Prof. S. Samukawa (IFS & WPI)

Solar Cell

Prof. S. Samukawa (IFS & WPI)
Prof. N. Usami (Nagoya Univ.)

Prof. I. Honma (IMRAM)

Secondary Battery

Prof. I. Honma (IMRAM)

Prof. S. Orimo (WPI & IMR) Lecturer A. Unemoto (WPI)

Fuel Cell

Lecturer M. Matsuo (IMR)

Prof. S. Orimo (WPI & IMR)

Researcher T. Ikeshoji (IMR)

Prof. K. Amezawa (IMRAM)

Analysis & Optimization

Assoc. Prof. T. Tokumasu (IFS)

Assist. Prof. K. Shimoyama (IFS)

Prof. K. Amezawa (IMRAM)

Prof. A. Miyamoto (NICHe)

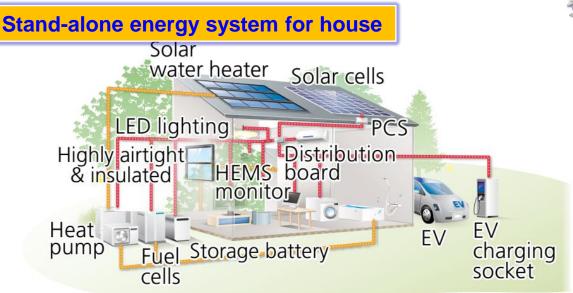
Target: Stand-alone energy system for resilient society





Infrastructure-free energy system which can work in disaster



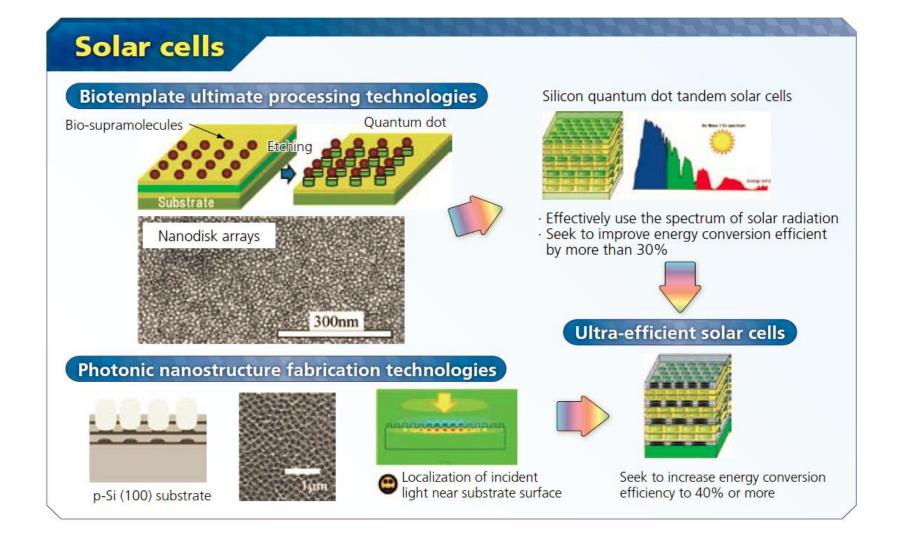


Japan as Energy Technology Nation

Market is worldwide: South-East Asia and Africa, not only Japan

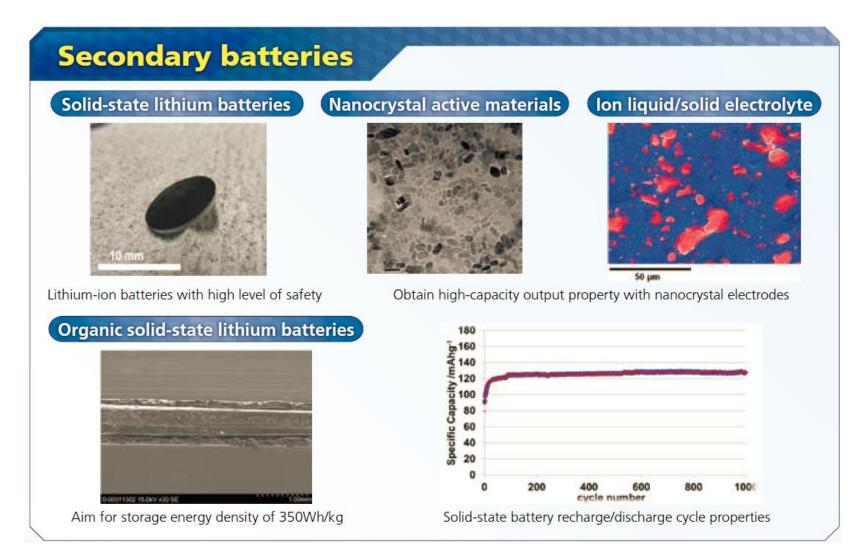


Research (1)



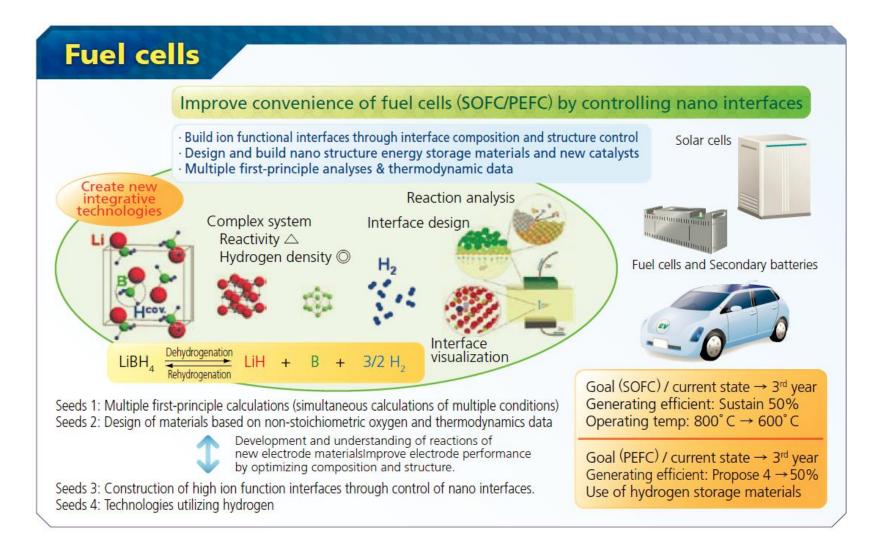


Research (2)



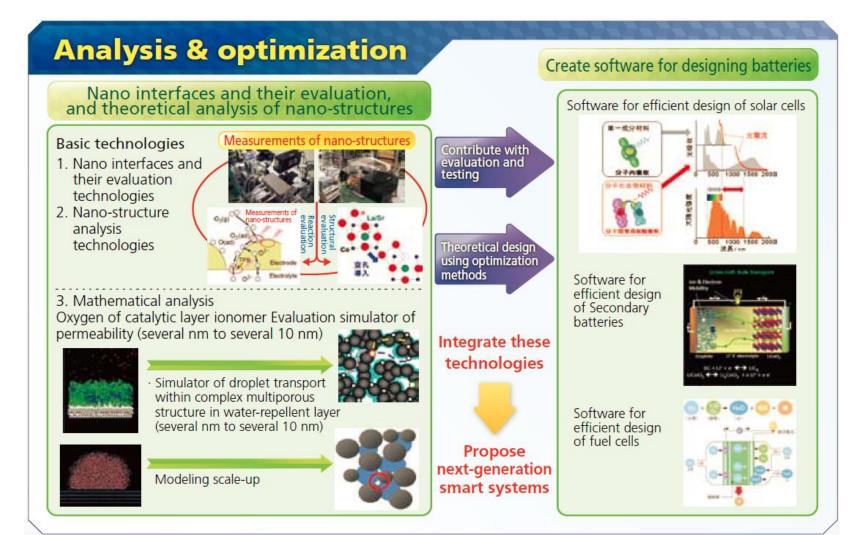


Research (3)



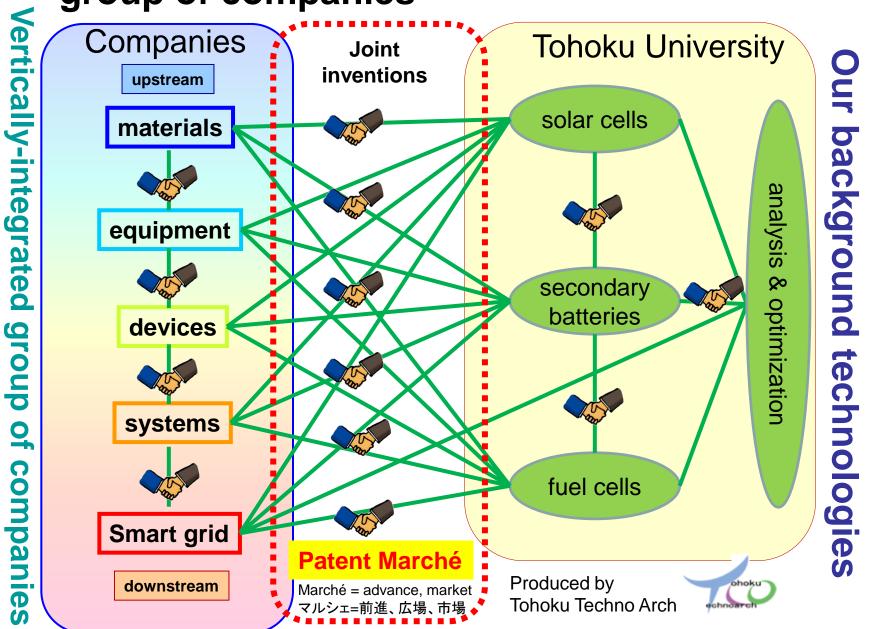


Research (4)



Strategic R&D through vertically integrated group of companies





Member Companies

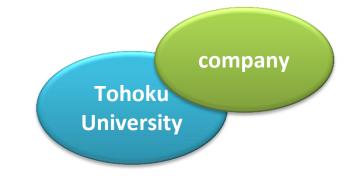


Step 1: 29 companies

Consortium member companies (exchange of public and the newest information)

Step 2: 15 companies

Research collaboration companies, which can participate "Patent Marché"



Step 3: 2 groups

Formation of company groups to start business

