



U.S. - China Clean Energy Research Center
中美清洁能源研究中心

CERC IP:

Accelerating US-China Joint Innovation

7th Steering Committee Meeting
U.S.-China Clean Energy Research Center
Washington D.C., June 1, 2015

Prof. YU Xiang Mr. Stacy BAIRD



华中科技大学
Huazhong University of
Science and Technology



中美清洁能源论坛
US-CHINA Clean Energy Forum



U.S. - China Clean Energy Research Center
中美清洁能源研究中心

Content

I

Previous Accomplishments

II

Challenges

III

Work Plan Highlights



U.S. - China Clean Energy Research Center
中美清洁能源研究中心

I

Previous Accomplishments

- ▣ **Joint Bilingual Creation of Technology Management Plans**
- ▣ **Annotated TMP**
- ▣ **CEF IP.knowledge Website**
- ▣ **U.S.-China Joint IP Workshops & Training**
 - ▣ IP Basics – March 2012, Haikou, China
 - ▣ IP Practice – February 2013, Stanford University
 - ▣ Presented at MOST Sponsored April 2015 China (Beijing) International Technology Transfer Convention
- ▣ **IP Report to CERC Steering Committee, 2014 July 11, Beijing**



(L TO R) U.S. AMBASSADOR MR. MAX BAUCUS, U.S. SECRETARY ERNEST MONIZ,
CHINESE MINISTER WAN GANG AND CHINESE VICE-MINISTER CAO JIANLIN



PROF. YU XIANG AND MR. STACY BAIRD

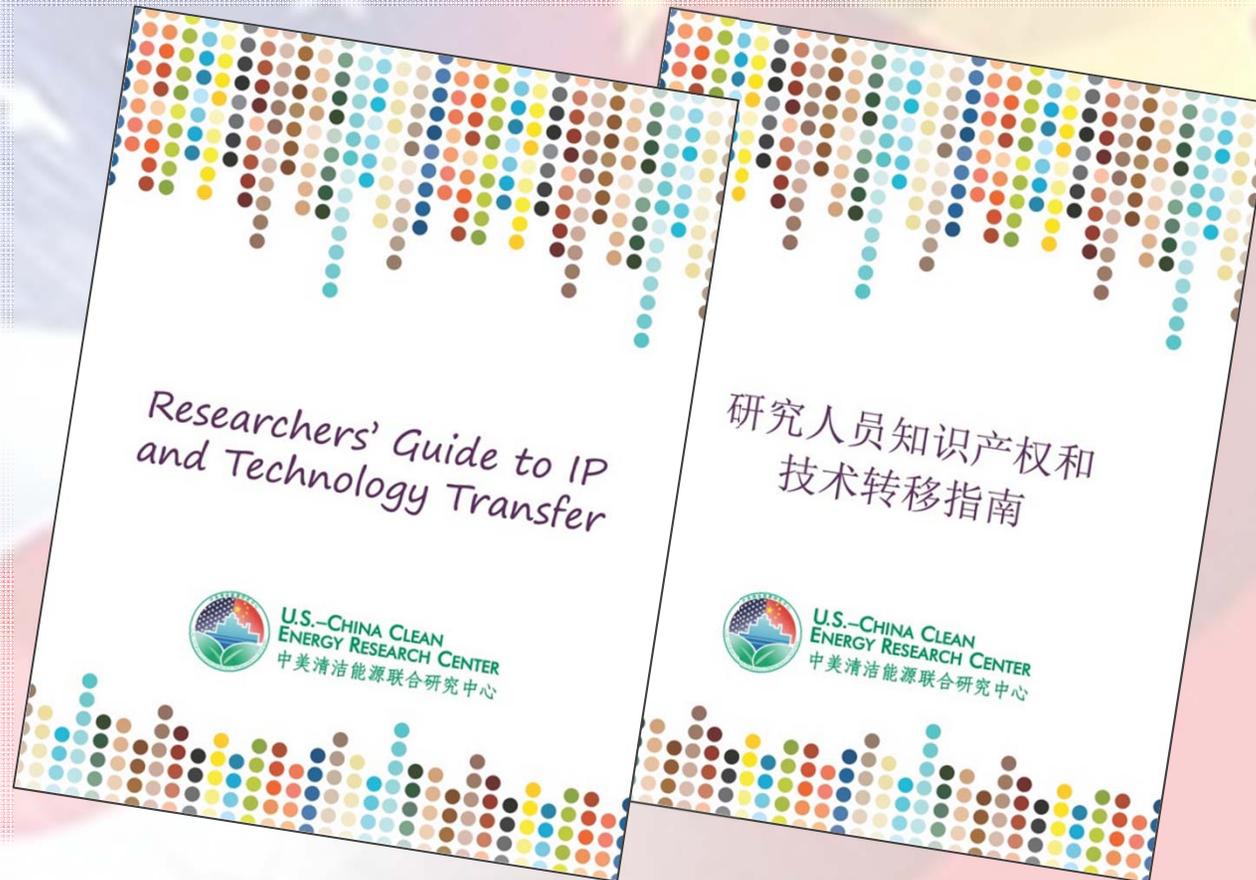


U.S. - China Clean Energy Research Center
中美清洁能源研究中心

I

Previous Accomplishments

Researchers' Guide to IP and Technology Transfer
(Soon to Publish)





II

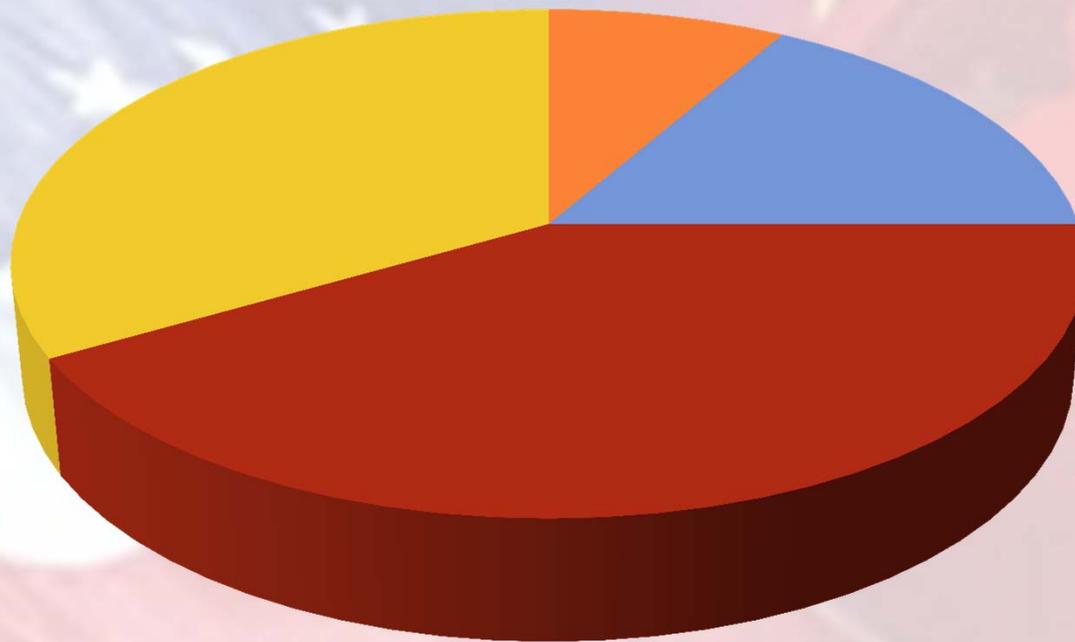
IP Challenges Found in Survey

- ▣ **2015 May - Survey of Chinese participants to understand current IP issues.**
- ▣ **Respondents: Leaders or Chief IP Officers of Lead Institution for each consortium**
- ▣ **Response Rate: 33%**



U.S. - China Clean Energy Research Center
中美清洁能源研究中心

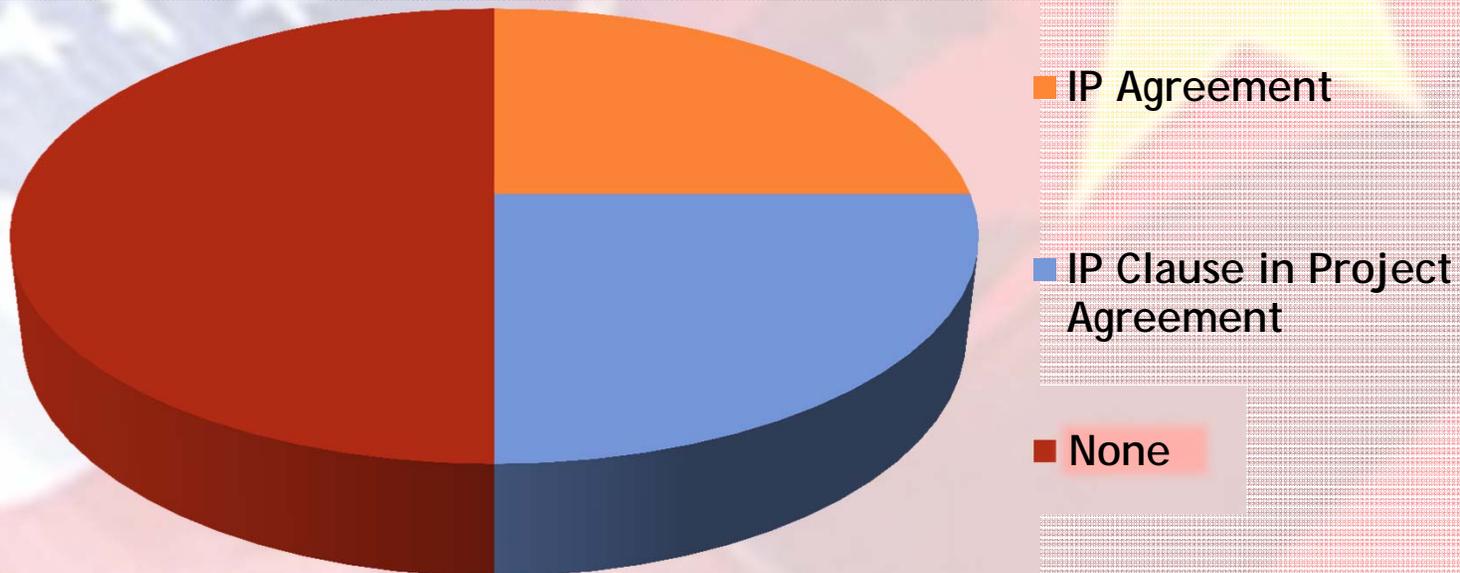
Finding 1: Most IP Management faculty are from technology departments, not IP or Legal



- IP Department
- Law Affairs Department
- Technology Department
- Cooperative IP Law Firm



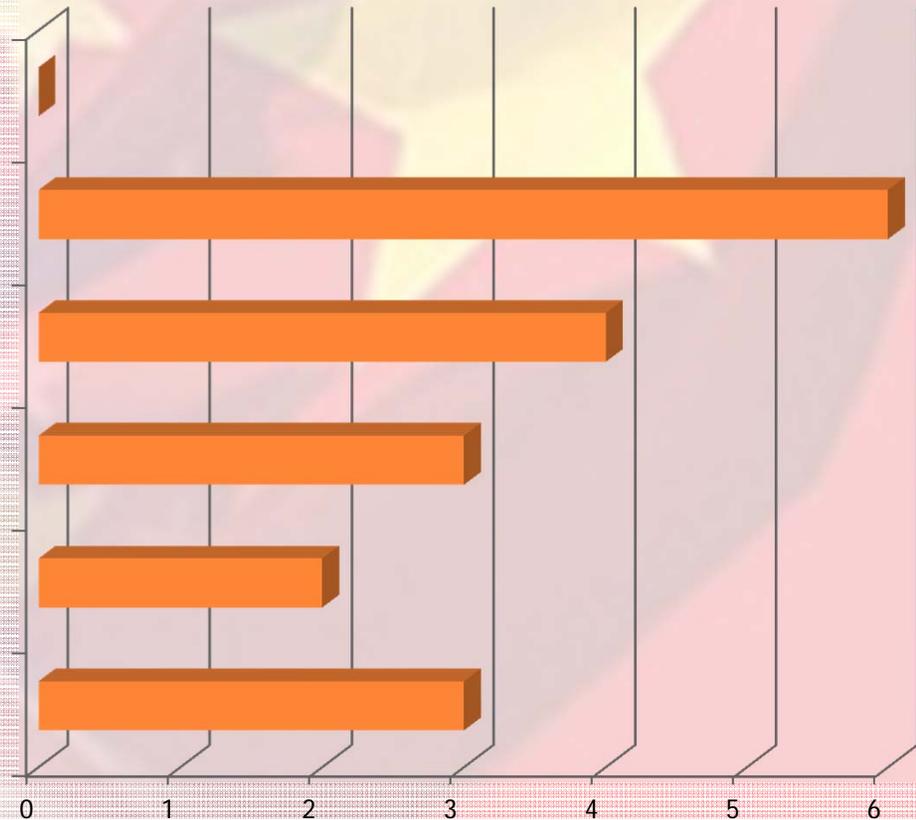
Finding 2: Half the participants have no IP agreements in joint research projects





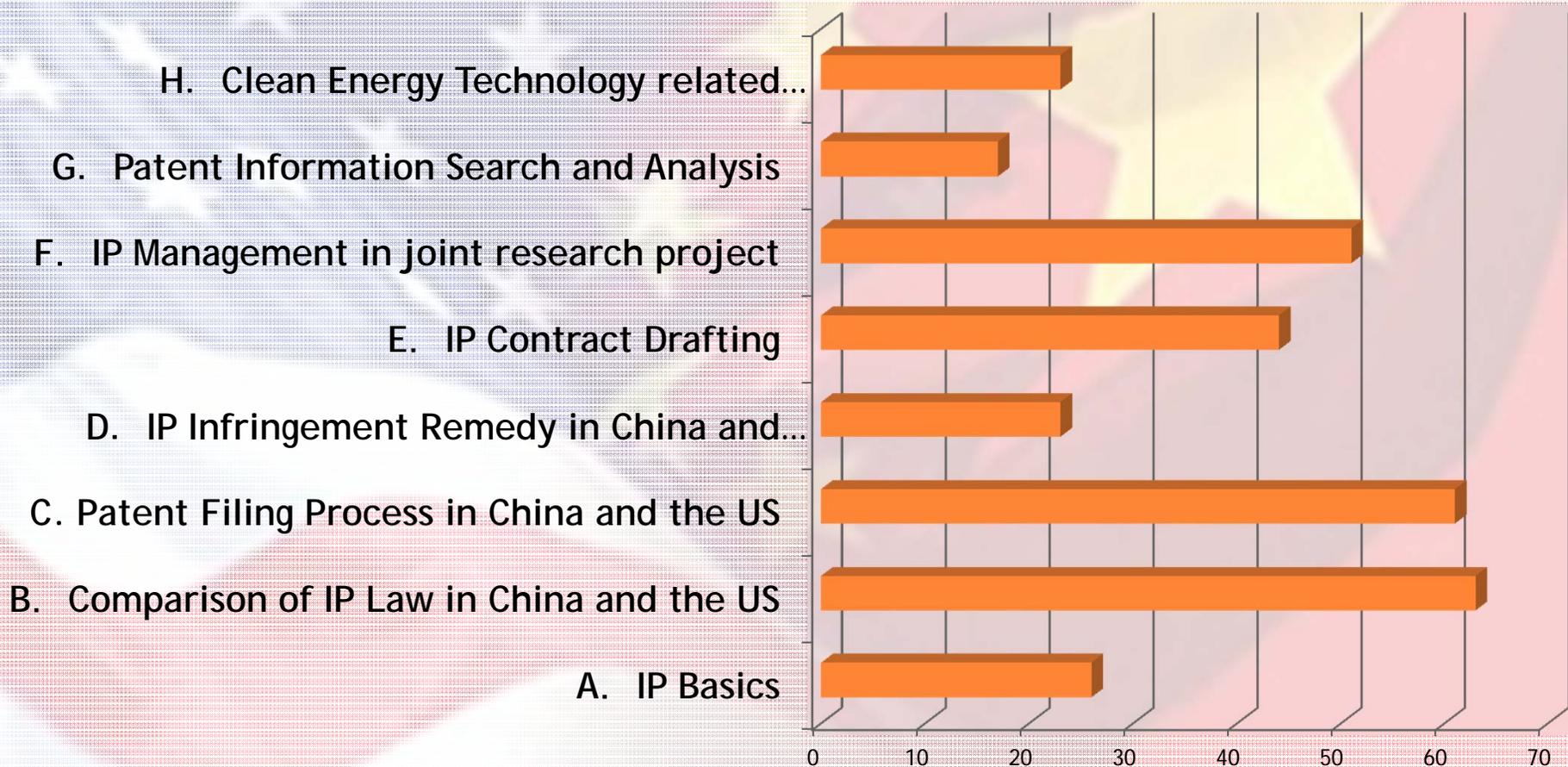
Finding 3: Expected IP Services in CERC 2.0

- F. IP Litigation, Enforcement Service
- E. IP contract drafting and consulting
- D. IP Training, Policy Interpretation
- C. IP Planning, IP Management
- B. Patent filing documents preparation
- A. Patent Information Search and Analysis





Finding 4: Needed IP Training Contents





II

Challenges due to lack of IP Agreements

In-depth Joint Innovation requires more IP agreements !

- ▣ **TMP is a framework agreement.**
- ▣ **Only specific IP agreements or IP clauses can support in-depth joint innovation in cooperation.**



III

Next Stage Joint Work Plan

I. Development of IP Experts Group and IP working network

1. IP Experts Group at CERC level
2. IP Coordinators at consortiums' level
3. IP contact persons at Participants' level

II. IP Training

1. IP education and training in universities
2. HUST Pilot training second half of 2015

III. General IP Guidance

1. Annual CERC-wide IP workshop
2. IP/Tech Transfer Guide
3. Best practices in drafting contracts
4. Innovative IP solutions

IV. Legal and IP Service Facilitation

1. Facilitate outside legal service
2. Chinese team will facilitate patent map and patent information analysis service

V. Pushing Forward CERC 2.0 IP Strategies

1. Further research and surveys on members
2. Establish the Sino-US IP management system
3. Establish Knowledge Sharing & Tech Transfer Platform
4. CERC as a model for others



U.S. - China Clean Energy Research Center
中美清洁能源研究中心

III

CERC 2.0 IP Strategies

- ▣ **Further research/surveys of CERC Participants to understand obstacles to collaboration.**
- ▣ **Propose innovative solutions.**
- ▣ **Pilot innovative solutions to enable & promote joint innovation; to efficiently create, share and exploit, protect and manage IP.**
- ▣ **Share the CERC IP framework as a model for other Sino-US joint programs & potentially programs in other bi-lateral relationships.**



U.S. - China Clean Energy Research Center
中美清洁能源研究中心

Thank you!

CERC IP

Prof. YU Xiang Mr. Stacy Baird



华中科技大学
Huazhong University of
Science and Technology



中美清洁能源论坛
US-CHINA Clean Energy Forum