



Information Platform Construction of Green Technology Bank

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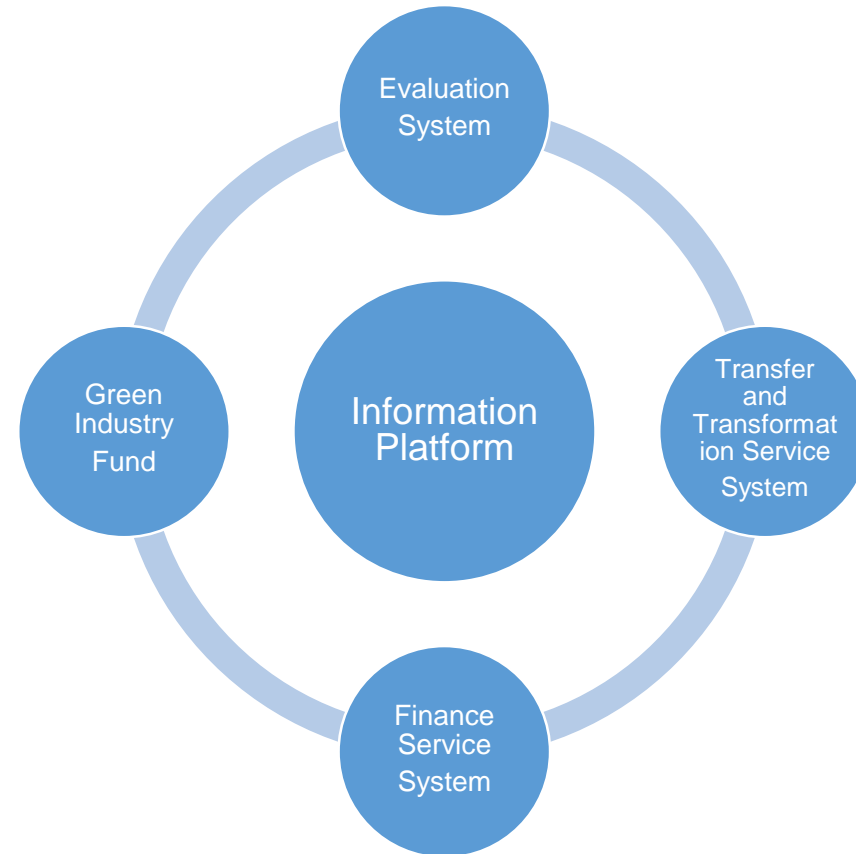
Information Platform Construction of Green Technology Bank

01 Background

01 Background

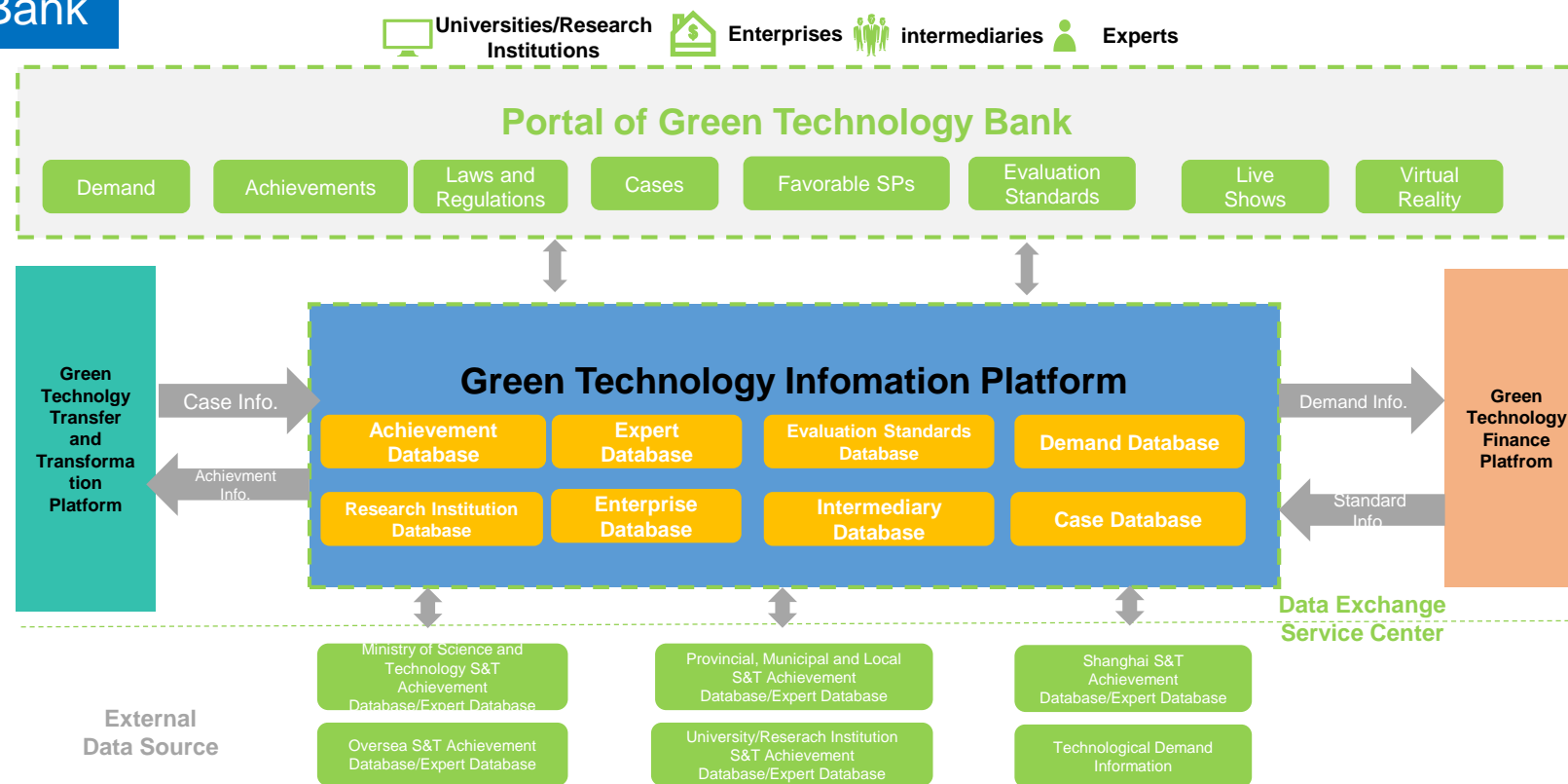
PART ONE

According to the Development Strategy and Construction Plan of Green Technology Bank, three platforms shall be set up: Green Technology Information Platform, Green Technology Finance Platform and Green Technology Transfer and Transformation Platform. Among them, the Information Platform shall focus on the green field and green technology, and shall provide interdisciplinary, cross-regional and comprehensive service for green technology transfer and transformation.



02 Functional Orientation

Green Technology Bank



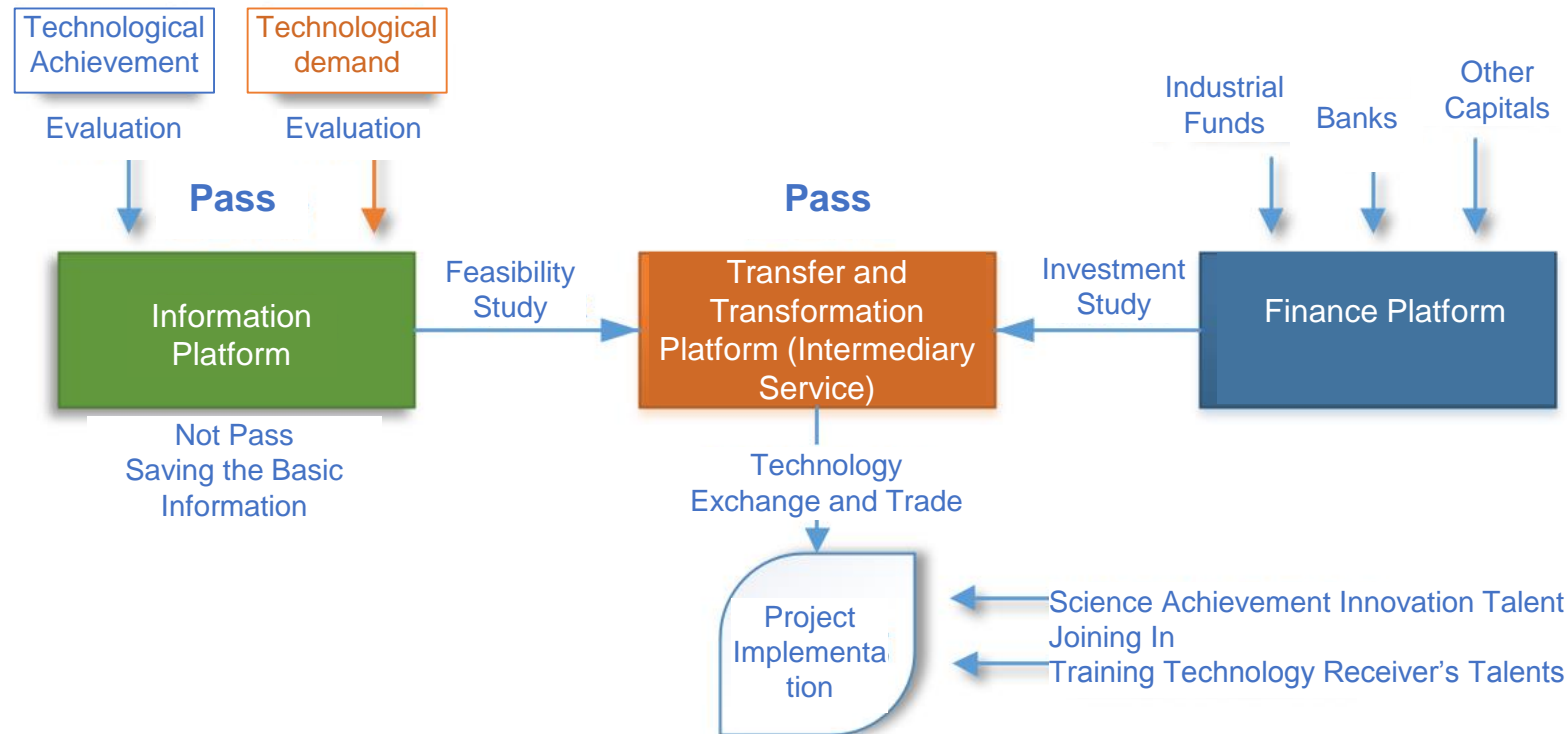
Information Framework of Green Technology Bank

02

Functional Orientation

PART TWO

Relationship among the Three Platforms of Green Technology Bank



Schematic diagram of the relationship among the three platforms

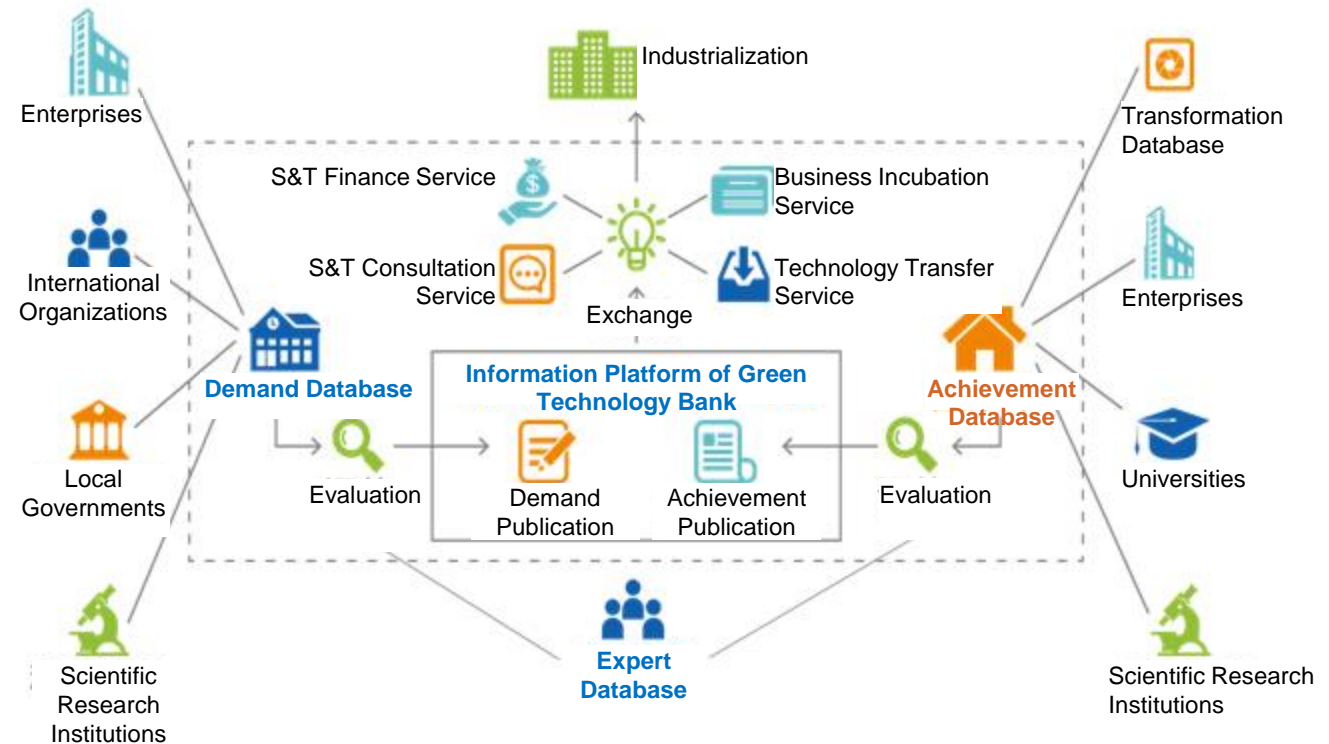
03 Operation Mechanism

03 Operation Mechanism

PART THREE

Information Platform of Green Technology Bank

We apply technologies like big data and cloud computing in constructing innovative green technology public service system, and provide process-wide and chain-wide O2O information technology service for various bodies operating in green technology transfer and transformation. We attract and cooperate with well-known domestic and foreign service bodies of technology transfer and transformation and finance intermediaries in providing interdisciplinary, cross-regional and comprehensive overall solutions for green technology transfer and transformation.



Content of Information Platform Construction of Green Technology Bank

◆ Building of Green Technology Cloud Platform

Counting on the “elastic and infinite scalability” of cloud computing, we built an internet-based green technology information database, which contains achievement database, demand database, expert database, university and research institution database of green technology in China and abroad.

◆ Construction of Green Technology Cloud Value Chain

Relying on mobile internet e-commerce platforms, we could provide one-stop industrial chain integration service on multiple terminals (PC, mobile APP, wechat), such as green technology achievement display, achievement retrieval, technology trade and communication, technology transfer and licensing, industry-university-institution cooperation, policy sharing, actual effect tracing. Big data analytic technology makes sure the “accurate transfer” and “accurate transformation” on both the demand and supply side.

◆ Setting up an Experience and Interaction Window of Virtual Reality Green Technology

Taking advantage of the virtual reality display technology, we could show our achievement virtually, and both the demand and supply side could make assessment on green technology achievement from different locations. The achievements are visible and can be experienced.

03 Operation Mechanism

PART THREE

Green Tech Windows

Data Analysis and Visual Monitoring

Demand Data

Achievement Data

Trade Data

Evaluation Data

Tracing Data

Expert Data

Green Tech Chain

Project Demand

Demand Publication

Demand Retrieval

Demand Talks

Demand Matching

Achievement Display

Achievement Display

Achievement Retrieval

Achievement Recommendation

Achievement Consulting

Expert Management

Expert Registration

Expert Screening

Expert Blogs

Online Q&A

Practice & Promotion

Intermediary Recommendation

Cases

Evaluation Model

Trend Analysis

----Guidance

Policy Dynamics

Fund Screening

Technology Trend

Recommendation----

Green Campaign

News Center

Conference Service

Inter-field Cooperation

----Others

Info. Database

Membership Database

Expert Database

Enterprise Database

University and Institution Database

Intermediary Database

Achievement Database

Demand Database

Case Database

Others

Green Tech Cloud

Basic Service

Imagery Service

Live Show Service

AR Service

Security Service

Distributed Service

Logging Service

Message Service

Searching Service

Internationalization Service

Work Flow Service

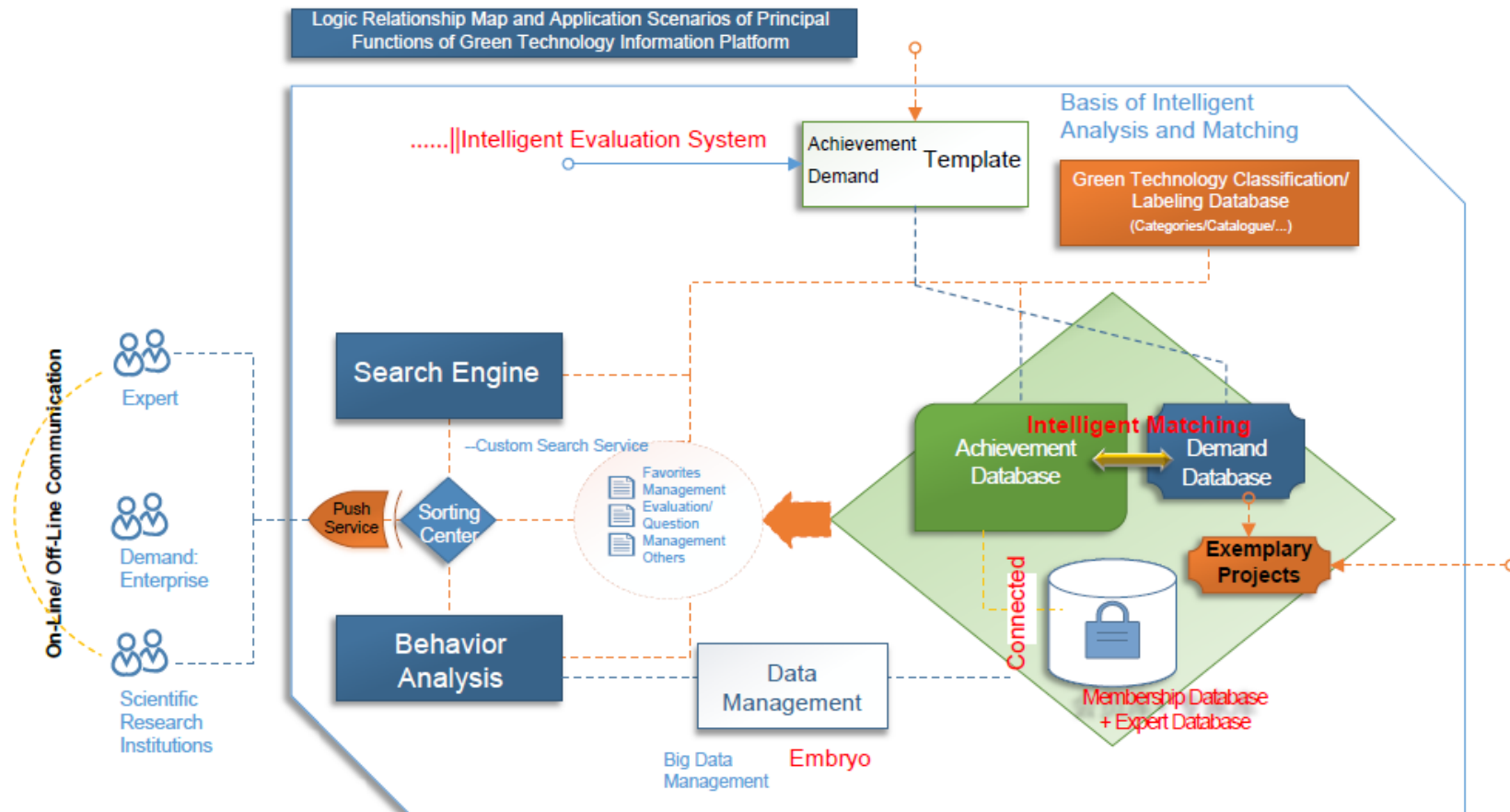
Data Analysis Service

Certification Service

03 Operation Mechanism

PART THREE

A Perspective View of Information Platform of Green Technology Bank ---- A complete picture



04 Function Display

04 Function Display

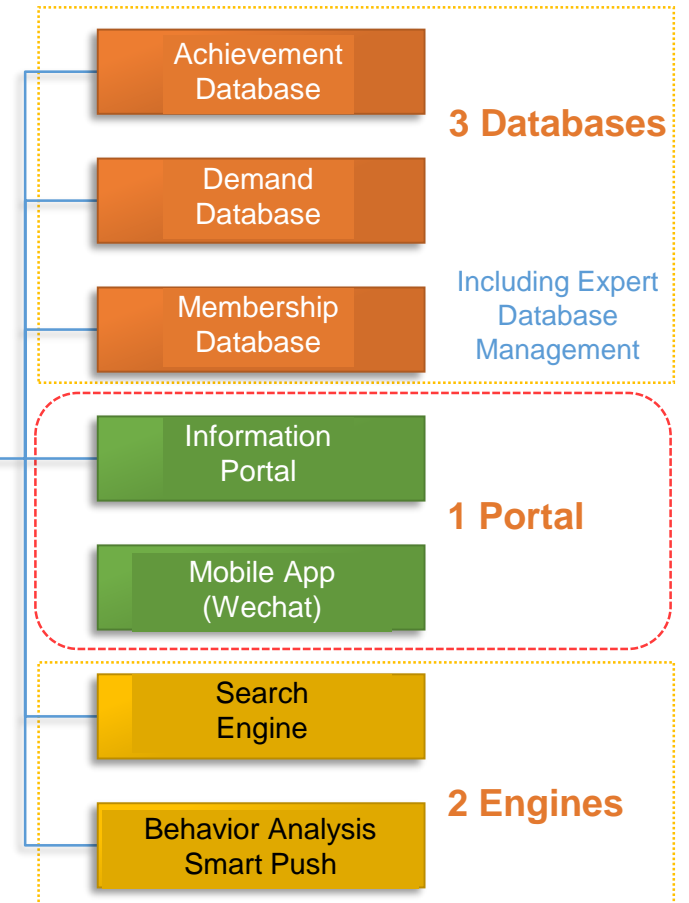
PART THOUR

Functions of Information Platform of Green Technology Bank

3 Databases+2 Engines +1 Portal (+Wechat App)

- ◆ 3 Databases: achievement database, demand database, membership database
- ◆ 2 Engines: search engine and smart push
- ◆ 1 Portal: green bank information website and wechat app

Green Technology Information
Platform
Function Module (Subsystem)



Green Technology Achievement Database

With the support of Ministry of Science and Technology and local government, through applying resource sharing, mutual benefiting and success rewarding, we exchange and channel green technology achievements

Green Technology Demand Database

Led by the government and following the policies, we create demand for green technology and guide the development of green technology

Green Technology Bank Expert Database

By docking existed expert database of Ministry of Science and Technology, Shanghai Government and other ministries, we select and recommend a batch of experts in green technology into the database; we invite internationally renowned experts to join the green technology expert database and set up a green technology expert consultation committee.

Establishment of Green Technology Evaluation System

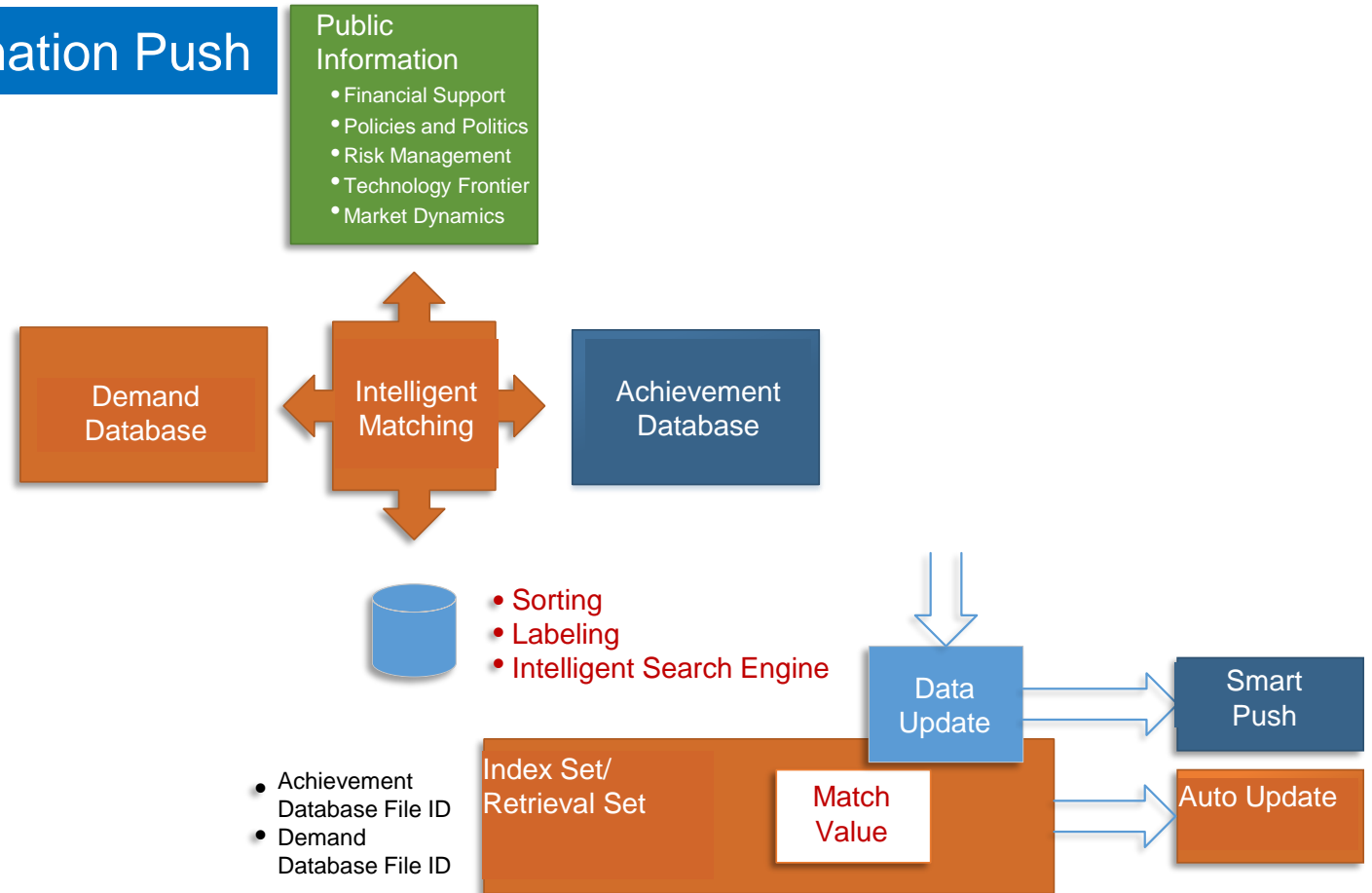
By cooperating with professional institutes like National Center for Science & Technology Evaluation, we provide professional evaluation model and make assessment on green technologies and green projects in order to support green technology strategy planning and project decision-making

Function Display

PART FOUR

Automatch Technology, User-friendly Information Push

- ✓ Automatch: after we applied automatch technology, the achievements would dynamically match the technologies, and similar technologies and demands would be sorted out automatically;
- ✓ Policy guidance: through automatch technology, we could push public information to those who really need automatically.



05

Cooperative Intention

PART FIVE

Website of Green Technology Bank

www.greentechbank.com

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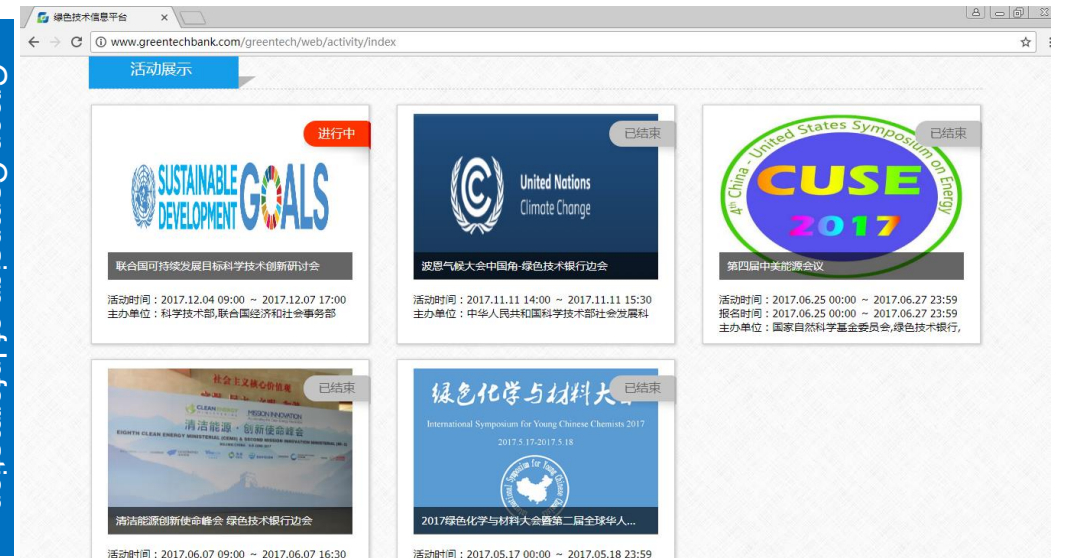
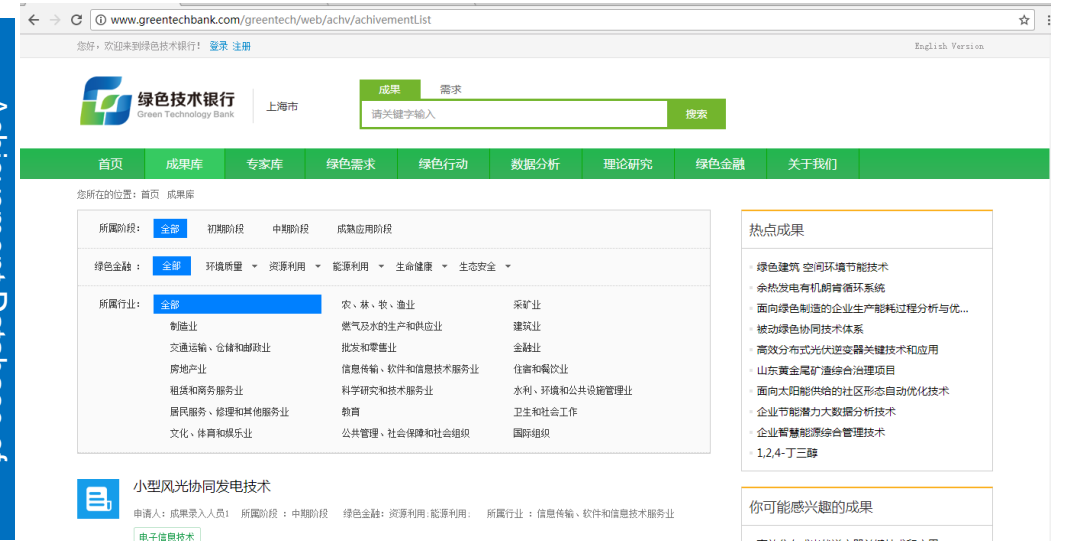


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In line with the overall design of Green Technology Bank, we cataloged sets of green technology packages for key demonstration and promotion. Here are the top 10 replicable symbolic green technologies:

1. Technological System of Wetland Ecological Conservation and Restoration
2. Offshore Wind Power Generation Technology
3. Green Technologies for Waterways Treatment
4. Smart Green Travel Technology System
5. Ecological Building Reconstruction Technology
6. Decentralized Wastewater Treatment in Rural Areas
7. Waste-to-Energy (Municipal Solid Waste) Technological System
8. Comprehensive Utilization of Water Resources in Arid Areas
9. Clean and Efficient Use of Fossil Fuels
10. Large Public Building Green Technology System



Shanghai Waigaoqiao No.3 Power Plant



Dongtan bird habitats optimization testing zone



Ngethu Treatment Plant, Nairobi Kenya



Rainwater utilization demonstration project in Kenya

As an open platform, we, Information Platform of Green Technology Bank sincerely expect to actively cooperate and communicate with domestic and foreign institutes in assembling green achievements, collecting green demands, gathering green experts, implementing green campaign and promoting green technologies.

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Thank You