

# SURVEY ON DATA NEEDS FOR TECHNOLOGY TRANSFER

## INSTITUTE FOR GLOBAL ENVIRONMENTAL STRATEGIES

### BACKGROUND INFORMATION

Since October 2014 the Cities Section at IGES is developing a database to assess levels of low carbon technology transfer preparedness of cities in developing countries of Asia. In this initial development year focus has been placed on twenty indicators in four overarching categories.

Thus far (1) spatial and demographic characteristics, (2) information on economic and financial performance, (3) institutional and planning arrangements as well as (4) data on international exposure have been gathered for 45 cities in Asia. To guide the further development of the database – and ensure that it responds to user needs – we would like to ask you for inputs on data needs and data gathering when planning and implementing low carbon technology transfer projects. Your inputs will help us to improve the geographic coverage and indicator selection in future and we thank your time to complete this short survey!

### INTRODUCE YOURSELF

Salutation \_\_\_\_\_

Name \_\_\_\_\_

Role / Title \_\_\_\_\_

Institution \_\_\_\_\_

City & Country \_\_\_\_\_

Please inform me via email when the database goes online (optional):

\_\_\_\_\_@\_\_\_\_\_

### SECTORIAL FOCUS

Kindly indicate which sectors you work in:

- Water
- Energy
- Spatial Planning
- Governance / Policy - Making
- Waste
- Transport
- Other

In which sector(s) do you see most greenhouse gas emissions reduction potential?

\_\_\_\_\_

### GEOGRAPHIC FOCUS

On which Asian countries does your work focus?

- All of Asia
- Southern Asia
- East Asia
- Southeast Asia
- Central Asia

Only certain countries (please specify)

\_\_\_\_\_

In what sized cities do you typically realise projects?

- most projects
- over 5 million inhabitants
- 5-3 million inhabitants
- 3-1 million inhabitants
- 1-0.5 million inhabitants
- fewest projects
- below 500,000

### IDENTIFYING SITES AND PARTNERS

How important are the following criteria, when choosing sites and partners for your projects?

Very important

- City strategy / development plans
- A motivated mayor
- Existing local capacities
- A city's budget
- Via formal bidding processes
- Existing personal relationships
- Our country offices identify projects
- Spatial and demographic features

Not important

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### RATE THE USEFULNESS OF THESE INDICATORS FOR INITIAL SCOPING

How useful would it be to have the following information in one central database, to help you identify potential cities?

Very important

- |                          |                          |                          |                          |                                |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Population                     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Population density             |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Surface area                   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Geographic information         |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Employment rate                |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Income per capita              |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | General economic structure     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Expenditure on environment     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Expenditure on infrastructure  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Total expenditure              |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Recent local election result   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | City devel. plans and strategy |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No. of local gov. employees    |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Gov. structure / depts.        |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | City awards                    |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | City network memberships       |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Sister cities / twinning       |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Past technology transfers      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Past ODA activity              |

Not important

### DATA SOURCES AND COLLECTION

How important are the following data sources to your line of work?

- |                            |                          |                          |                          |                          |
|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| National statistics office | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| City government            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Local research institute   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Company                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| University                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Desk research              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| On-site measuring          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Very important

Not important

### BARRIERS TO OBTAINING SUB-NATIONAL DATA

What challenges do you face when seeking to obtain sub-national data? Please describe in your own words.

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### DATA FOR PROJECT-SPECIFIC PLANNING

When carrying out development projects, what are your biggest data needs? What kind of information tends to be most difficult to obtain?

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### NOMINATE YOUR TOP 3 INDICATORS!

In the future development of the database new indicators will be added to facilitate low-carbon project implementation. Please indicate what kind of data you would like to see included to facilitate low-carbon project implementation:

- ① 

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- ② 

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- ③ 

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Please send your filled-out survey to [ipss-info@iges.or.jp](mailto:ipss-info@iges.or.jp), thank you!