

Table 2: Indicators, Index Construction and Data Source

| <i>Indicator</i>                  | <i>Categories</i>  | <i>Value</i> | <i>Scale</i> | <i>Source</i> |
|-----------------------------------|--|--------------|--------------|---------------|
| <b>Institutional Interlinkage</b> |  |              |              |               |
| Common EU-Membership              |  | (0/1)        |              | (1)           |
| Institutional membership          | Membership in 35 international institutions                | (0/1)        | 0 -35        | (1) (2)       |
| <u>Encompassingness</u>           |  |              |              |               |
| - Policy areas (1 – 14)           | Almost all areas (>10)                                     | 3            | 0-3          | (1) (2)       |
|                                   | Many areas (5-10)  | 2            |              |               |
|                                   | One or few areas (<5)                                      | 1            |              |               |
| - Scope of environmental issues   | All environmental issues                                   | 3            | 0-3          |               |
|                                   | Various environmental issues                               | 2            |              |               |
|                                   | One environmental issue only                               | 1            |              |               |
| - Importance of issues            | Environmental policy is important, but not the only issue  | 3            | 0-3          |               |
|                                   | Environmental policy plays a dominant role                 | 2            |              |               |
|                                   | Environmental policy is not very important                 | 1            |              |               |
| <u>Obligatory potential</u>       |  |              |              |               |
| - Type of law                     | Supranational law  | 3            | 0-6          | (1) (2)       |
|                                   | International hard law                                     | 2            | (cumulative) |               |
|                                   | International soft law                                     | 1            |              |               |
| - Monitoring                      | Monitoring by court  | 4            | 0-4          |               |
|                                   | Specialized monitoring body                                | 3            |              |               |
|                                   | Reporting  | 2            |              |               |
|                                   | Diplomacy  | 1            |              |               |
| <u>Communicative potential</u>    |  |              |              |               |
| - Frequency of interaction        | Number of annual meetings of national representatives      | (0,33-150)   | 0-10         | (1)           |
| - Number of organizational bodies | Organization bodies where national representative meet     | (0-10)       | 0-10         |               |
| - Permanence of Representation    | Existence of permanent national representative             | (0/1)        | 0-10         |               |
| - Size of staff                   | Number of permanent employees in environmental departments | (0-574)      | 0-10         |               |

| <b>Economic Interlinkage</b>                |   |       |                                  |             |
|---|---|-------|----------------------------------|-------------|
| Bilateral trade openness <sub>ij</sub>      | (Exports <sub>i→j</sub> + Exports <sub>j→i</sub> ) / total GDP <sub>i&lt;j</sub><br>∀ i,j ∈ {WTO, market} |       |                                  | (3) (4)     |
| Fraser Economic Freedom                     | Freedom to Trade Internationally (Subindex 4)   |       | 0-10                             | (7)         |
| <b>Domestic Factors</b>                     |   |       |                                  |             |
| Cultural similarity                         | Existence of a common border  | (0/1) | 0-3                              | (1) (8) (9) |
|   | Sharing of a common language  | (0/1) |                                  |             |
|   | Common historical and religious tradition   | (0/1) |                                  |             |
| Level of income                             | GDP/capita in US \$   |       |                                  | (5)         |
| Green Parties                               | Electoral success of green parties  | (0/1) | 0-3                              | (10)        |
|   | Membership in parliament  | (0/1) |                                  |             |
|   | Participation in government   | (0/1) |                                  |             |
| Freedomhouse<br>Political & Civil Liberties | Political Rights  | (1-7) | 1-7<br>(Mean, reversed<br>scale) | (6)         |
|   | Civil Liberties   | (1-7) |                                  |             |
| National Greenpeace Bureau                  |   | (0/1) |                                  | (1)         |
| Population density                          | Persons per sq km   |       |                                  | (8)         |
| CO <sub>2</sub> emission                    | Metric tons per capita  |       |                                  | (5)         |
| Energy Use                                  | Kg of oil equivalent per capita   |       |                                  | (5)         |

(1) ENVIPOLCON data collection; (2)The Fridtjof Nansen Institute, Yearbook of International Co-operation on Environment and Development; (3) OECD Organisation for Economic Co-operation and Development: Bilateral trade database; (4) Comtrade, the United Nations Commodity Trade Statistics Database; (5) World Bank, World Development Indicators; (6) Freedomhouse, Annual report Freedom of the World; (7) Fraser Institute: Annual Economic Freedom of the World Report; (8) CIA World Factbook; (9) ESRI, Arc-View World Dataset (10) Armingeon, Klaus and Romana Careja (2004): Comparative Data Set for 28 Post-Communist Countries 1989-2004, University of Bern; Armingeon, Klaus et al. (2004): Comparative Political Data Set (CPDS) 1960-2002, University of Bern; *European Journal of Political Research*, annual country reports; Elections Results Archive Binghamton University (<http://cdp.binghamton.edu/era/index.html> )