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Welfens has testified before the US Senate, the German Parliament, the European Parliament, the European Central Bank, the IMF, etc. Welfens is one of Europe's most published economists & the author of **An Accidental Brexit**, London: Palgrave, Sept. 2017; managing co-editor of *International Economics and Economic Policy*

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Filename: GSI RESULTS 2018

EIIW 2015 = 20 years of award-winning research



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This is a summary of the highlights of the EIIW-vita Indicator 2018. It shows the leading countries globally as well as major position changes. Nepal, Germany and China lead the list of the top 10 countries; the EIIW-vita indicator in its standard version covers three elements (details on our website and in the book *Towards Global Sustainability: Issues, New Indicators and Economic Policy* (Welfens/Perret/Irawan/Yushkova, 2015), namely:

- The share of renewable energy (based on UN data);
- the genuine savings rate (as calculated by the World Bank); this concept basically reflects the idea that the overall capital stock – the physical capital stock as well as human capital and the natural capital stock in the form of natural resource stocks – should be maintained to make sure that future generations can enjoy a similar quality of life as the current generation;
- and revealed comparative advantage in the field of environmentally-friendly goods (**calculated by the EIIW; based on UN trade data**); this indicates the relative strength of the “green export/import ratio” – relative to aggregate overall export/import ratios.

Each indicator is in the range -1/+1; national indicators are calculated on the basis of aggregating the three pillars: The result of this is the Global Sustainability Indicator (GSI). A world indicator on global sustainability can also be calculated. This indicator has now been available for almost two years; the indicator was developed within the framework of a project which has been supported over many years by the **vita Foundation, Oberursel/Germany**. We are grateful for this continuing support.

Investors, civil society groups and governments are encouraged to use the signaling quality of the EIIW-vita indicator.

EIIW GSI VITA INDICATOR AND EXTENDED VITA INDICATOR RESULTS JULY 2018

EIIW GSI VITA INDICATOR**TOP 10 countries****EIIW GSI 2015 RANKING**

| | | |
|------------|-------------|----|
| Nepal | 0,337217344 | 1 |
| Germany | 0,321996563 | 2 |
| China | 0,285872683 | 3 |
| Tajikistan | 0,257703535 | 4 |
| Norway | 0,248807563 | 5 |
| Iceland | 0,246599648 | 6 |
| Costa Rica | 0,237920857 | 7 |
| Lesotho | 0,227664135 | 8 |
| Zambia | 0,223689354 | 9 |
| Namibia | 0,211800527 | 10 |

BOTTOM 10 countries**EIIW GSI 2015 RANKING**

| | | |
|--------------------------------|--------------|-----|
| Burkina Faso | -0,158084734 | 134 |
| Uzbekistan | -0,16153821 | 135 |
| Tunisia | -0,166876451 | 136 |
| Trinidad and Tobago | -0,170318306 | 137 |
| Oman | -0,180146106 | 138 |
| Lebanon | -0,191471468 | 139 |
| Yemen, Rep. | -0,195990403 | 140 |
| Guinea-Bissau | -0,219398897 | 141 |
| St. Vincent and the Grenadines | -0,220691221 | 142 |
| Gambia, The | -0,271086996 | 143 |

Extended EIIW GSI VITA INDICATOR (water indicator from 2014)**TOP 10 countries****EIIW GSI+ 2015 RANKING**

| | | |
|------------|-------------|----|
| Germany | 0,248621123 | 1 |
| Nepal | 0,24180021 | 2 |
| Singapore | 0,236621104 | 3 |
| Luxembourg | 0,236121497 | 4 |
| China | 0,205266879 | 5 |
| Norway | 0,200693225 | 6 |
| Denmark | 0,187561562 | 7 |
| Tajikistan | 0,181934227 | 8 |
| Iceland | 0,174307146 | 9 |
| Lesotho | 0,170396413 | 10 |

BOTTOM 10 countries**EIIW GSI+ 2015 RANKING**

| | | |
|--------------------------------|--------------|-----|
| Burkina Faso | -0,127700232 | 134 |
| Trinidad and Tobago | -0,129125661 | 135 |
| Uzbekistan | -0,132444526 | 136 |
| Tunisia | -0,134177768 | 137 |
| Oman | -0,137887118 | 138 |
| Lebanon | -0,149810686 | 139 |
| Yemen, Rep. | -0,157076852 | 140 |
| St. Vincent and the Grenadines | -0,162896367 | 141 |
| Guinea-Bissau | -0,175095718 | 142 |
| Gambia, The | -0,212865674 | 143 |

