

## Annex to Press Release No. 20/2002

### Projects for large-scale facilities assessed by the Science Council on behalf of the Federal Ministry of Education and Research

|  | Investment costs<br>(million Euro) | Annual operating costs<br>(million Euro) | Construction period<br>(planned) | Funding model |
|--|------------------------------------|--|----------------------------------|---------------|
| <i>Group 1</i>   |                                    |  |                                  |               |
| High Field Laboratory Dresden (HLD)                                  | 24,5                               | 3,7                                      | 4 years                          | national      |
| High Altitude and Long Range Research Aircraft (HALO)                | 97                                 | 3,8                                      | 3 years                          | national      |
| <i>Group 2</i>   |                                    |  |                                  |               |
| TeV Superconducting Linear Accelerator (TESLA)                       | 3.450                              | 135                                      | 8 years                          | international |
| TESLA X-ray Free Electron Laser (TESLA X-FEL)                        | 673,4 <sup>1</sup>                 | 36,1                                     | 8 years <sup>2</sup>             | European      |
| International Accelerator Facility for Beams of Ions and Antiprotons | 675                                | 79                                       | 7 years                          | European      |
| <i>Group 3</i>   |                                    |  |                                  |               |
| Soft X-ray Free Electron Laser (Soft X-ray FEL)                      | 148                                | € 12,4                                   | 4 years                          | national      |
| European Spallation Source (ESS)                                     | 1.387                              | 144                                      | 7 years                          | European      |
| High Magnetic Field Facility for Neutron Scattering Research         | 48,5                               | 4,3                                      | 3 years                          | national      |
| European Drilling Research Icebreaker (Aurora Borealis)              | 250                                | 10-15                                    | 4 years                          | European      |

<sup>1</sup> Additional costs for installation of the X-FEL facility. According to present plans, the X-FEL will use the first three kilometres of the TESLA linear accelerator.

<sup>2</sup> If built in combination with the TESLA linear accelerator.

The Science Council advises the Federal Government and the *Länder* governments on questions concerning the structural and programme-related development of higher education institutions, science and the research sector and concerning the construction of new universities.

Point of contact: Dr Uta Grund  
 Geschäftsstelle des Wissenschaftsrates, Brohler Straße 11, 50968 Köln  
 Tel: + 49 221/3776 - 246, Telefax: +49 221/38 84 40, e-mail: grund@wissenschaftsrat.de

Press releases and information: <http://www.wissenschaftsrat.de>