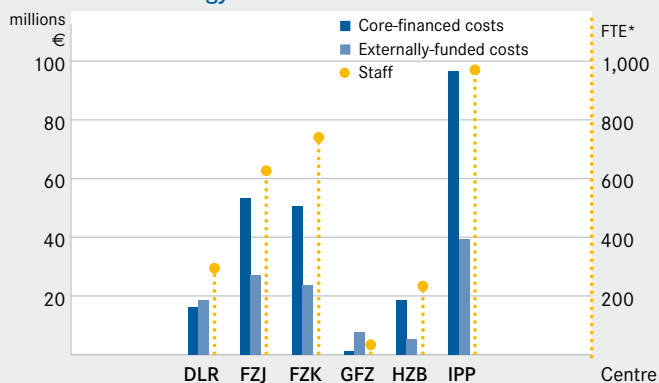
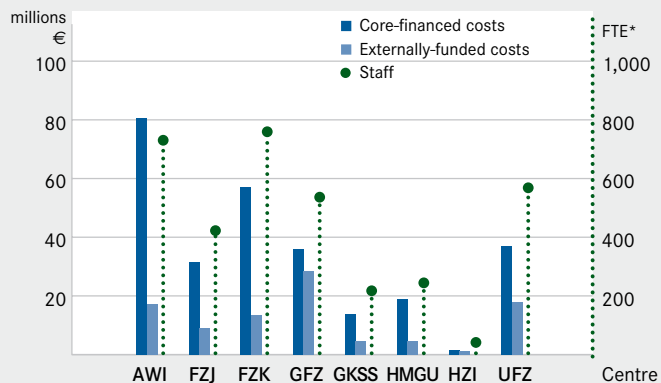


# COSTS AND STAFF 2007

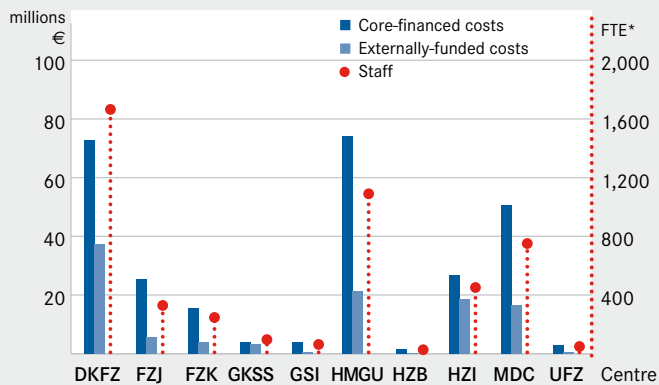
## Research Field Energy



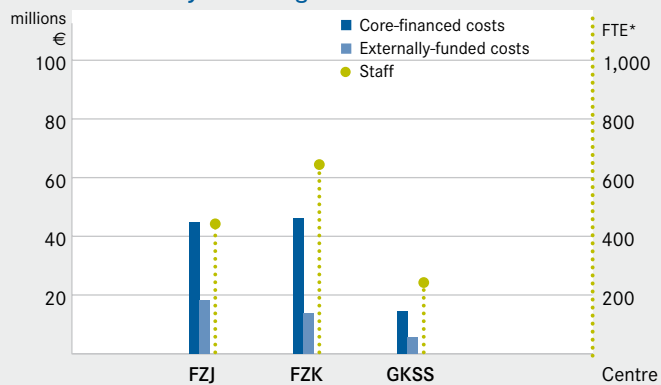
## Research Field Earth and Environment



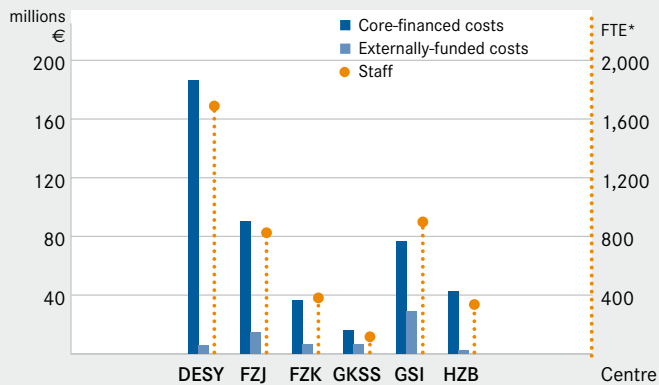
## Research Field Health



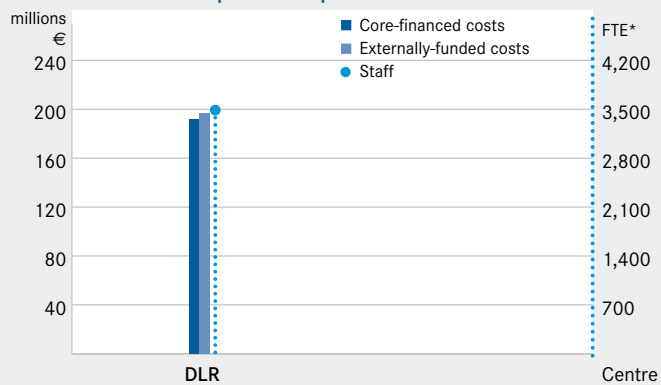
## Research Field Key Technologies



## Research Field Structure of Matter



## Research Field Transport and Space



Overview of Helmholtz Association costs and staff	Costs	Costs	Costs	Staff
	Core-financed costs, in EUR'000s	Externally-funded costs, in EUR'000s	Total costs, in EUR'000s	Total staff, FTE*
Total, Research Fields	1,537,534	619,304	2,156,838	20,012
Non-programme-bound research***	32,443	14,808	47,251	638
Special tasks	74,176	155,097	229,273	2,789
<b>Total, Helmholtz Association</b>	<b>1.644,153</b>	<b>789,208</b>	<b>2,433.362</b>	<b>23,439**</b>

\*\* In terms of natural persons, the Helmholtz Association employs 27,962 staff.

	Core-financed costs, in EUR'000s	Externally-funded costs, in EUR'000s	Total costs, in EUR'000s	Total staff, FTE*
<b>Research Field Energy</b>				
Deutsches Zentrum für Luft- und Raumfahrt (DLR)	16,244	18,637	34,881	290
Forschungszentrum Jülich (FZJ)	53,201	27,222	80,423	622
Forschungszentrum Karlsruhe (FZK)	50,554	23,856	74,410	736
Helmholtz Centre Potsdam (GFZ)	1,241	7,560	8,801	29
Helmholtz-Zentrum Berlin für Materialien und Energie (HZB)	18,510	5,292	23,802	229
Max Planck Institute for Plasma Physics (IPP)	96,701	39,331	136,032	966
<b>Total, Research Field Energy</b>	<b>236,450</b>	<b>121,900</b>	<b>358,350</b>	<b>2,872</b>
<b>Research Field Earth and Environment</b>				
Alfred Wegener Institute for Polar and Marine Research (AWI)	80,535	17,239	97,774	726
Forschungszentrum Jülich (FZJ)	31,388	8,883	40,271	418
Forschungszentrum Karlsruhe (FZK)	57,149	13,348	70,497	755
GKSS Research Centre Geesthacht (GKSS)	13,922	4,474	18,396	213
Helmholtz Centre for Environmental Research – UFZ	37,137	17,945	55,082	564
Helmholtz Centre for Infection Research (HZI)	1,682	1,172	2,854	37
Helmholtz Centre Potsdam (GFZ)	36,117	28,519	64,635	532
Helmholtz Zentrum München (HMGU)	18,754	1,801	20,555	240
<b>Total, Research Field Earth and Environment</b>	<b>276,684</b>	<b>93,380</b>	<b>370,064</b>	<b>3,485</b>
<b>Research Field Health</b>				
Forschungszentrum Jülich (FZJ)	25,293	5,539	30,833	320
Forschungszentrum Karlsruhe (FZK)	15,662	3,952	19,614	238
German Cancer Research Center (DKFZ)	72,605	37,347	109,952	1,656
GKSS Research Centre Geesthacht (GKSS)	4,039	3,248	7,287	87
GSI Helmholtz Centre for Heavy Ion Research (GSI)	3,751	510	4,261	54
Helmholtz Centre for Environmental Research – UFZ	2,976	643	3,619	40
Helmholtz Centre for Infection Research (HZI)	26,719	18,498	45,217	442
Helmholtz-Zentrum Berlin für Materialien und Energie (HZB)	1,657	127	1,784	18
Helmholtz Zentrum München (HMGU)	74,146	21,302	95,448	1,081
Max Delbrueck Center for Molecular Medicine (MDC)	50,514	16,527	67,041	742
<b>Total, Research Field Health</b>	<b>277,362</b>	<b>107,693</b>	<b>385,056</b>	<b>4,678</b>
<b>Research Field Key Technologies</b>				
Forschungszentrum Jülich (FZJ)	44,817	18,304	63,121	438
Forschungszentrum Karlsruhe (FZK)	46,324	13,663	59,988	640
GKSS Research Centre Geesthacht (GKSS)	14,330	5,707	20,037	238
<b>Total, Research Field Key Technologies</b>	<b>105,472</b>	<b>37,675</b>	<b>143,146</b>	<b>1,316</b>
<b>Research Field Structure of Matter</b>				
Deutsches Elektronen-Synchrotron DESY	186,585	5,914	192,499	1,680
Forschungszentrum Jülich (FZJ)	90,355	14,693	105,048	816
Forschungszentrum Karlsruhe (FZK)	36,687	6,713	43,400	372
GKSS Research Centre Geesthacht (GKSS)	16,073	2,306	18,379	107
GSI Helmholtz Centre for Heavy Ion Research (GSI)	76,856	29,314	106,170	890
Helmholtz-Zentrum Berlin für Materialien und Energie (HZB)	42,493	2,466	44,958	327
<b>Total, Research Field Structure of Matter</b>	<b>449,048</b>	<b>61,406</b>	<b>510,454</b>	<b>4,192</b>
<b>Research Field Transport and Space</b>				
Deutsches Zentrum für Luft- und Raumfahrt (DLR)	192,518	197,250	389,768	3,469
<b>Total, Research Field Transport and Space</b>	<b>192,518</b>	<b>197,250</b>	<b>389,768</b>	<b>3,469</b>

\*Full-time equivalents

\*\*In terms of natural persons, the Helmholtz Association employs 27,962 staff.

\*\*\*Funding for non-programme-bound research is calculated as 20 per cent of the total programme fund raised by the individual Centres. Centres that use these funds for existing research programmes assign them directly to their programme costs.

The Helmholtz Association's annual budget is composed of core financing and external funding. Ninety per cent of core financing comes from the German federal government while ten per cent comes from the federal states in which the Centres' headquarters are located. Thirty per cent of the total budget is raised by the Centres from external sources. Both core-financing costs and externally-funded costs are

described in the Annual Report for 2007. Total costs are shown according to how they are distributed among the Helmholtz Association's six strategic Research Fields (see p. 95). An overview of funding according to how it is distributed among the Centres is also provided (see below). Both overviews also provide number of staff, indicated in full-time equivalents.

#### Costs and staff by Centre in 2007

	Core-financed costs, in EUR'000s	Externally-funded costs, in EUR'000s	Total costs, in EUR'000s	Total staff, FTE*
Alfred Wegener Institute for Polar and Marine Research (AWI)	80,535	17,239	97,774	726
Deutsches Elektronen-Synchrotron DESY	186,585	5,914	192,499	1,680
Deutsches Zentrum für Luft- und Raumfahrt (DLR)	208,762	215,887	424,649	3,759
Forschungszentrum Jülich (FZJ)	245,054	74,642	319,696	2,613
Forschungszentrum Karlsruhe (FZK)	206,376	61,533	267,908	2,741
German Cancer Research Center (DKFZ)	72,605	37,347	109,952	1,656
GKSS Research Centre Geesthacht (GKSS)	48,364	15,735	64,099	646
GSI Helmholtz Centre for Heavy Ion Research (GSI)	80,607	29,825	110,431	944
Helmholtz Centre for Environmental Research – UFZ	40,113	18,588	58,701	604
Helmholtz Centre for Infection Research (HZI)	28,401	19,670	48,071	479
Helmholtz Centre Potsdam (GFZ)	37,357	36,079	73,437	561
Helmholtz-Zentrum Berlin für Materialien und Energie (HZB)	62,660	7,885	70,545	574
Helmholtz Zentrum München (HMGU)	92,900	23,103	116,003	1,321
Max Delbrueck Center for Molecular Medicine (MDC)	50,514	16,527	67,041	742
Max Planck Institute for Plasma Physics (IPP)	96,701	39,331	136,032	966
<b>Non-programme-bound research</b>	<b>32,443</b>	<b>14,808</b>	<b>47,251</b>	<b>638</b>
<b>Special tasks</b>	<b>74,176</b>	<b>155,097</b>	<b>229,273</b>	<b>2,789</b>
<b>Total, Helmholtz Association</b>	<b>1,644,153</b>	<b>789,208</b>	<b>2,433,362</b>	<b>23,439</b>

\*Full-time equivalents

# SECOND ROUND OF PROGRAMME-ORIENTED FUNDING, 2009 TO 2013

## Research Fields Earth and Environment | Health | Aeronautics, Space and Transport

2009 will see the start of the second round of programme-oriented funding, beginning with the Research Fields Earth and Environment, Health and Aeronautics, Space and Transport. The Centres involved in these Research Fields have reorganised their R&D capacities in those fields to form 13 new programmes. This page shows 2009 funding as recommended for the 13 programmes by the Senate following the

evaluations. The calculations are based on full costs from core funding. In contrast to data provided in the first round, these full costs also include infrastructure costs. In order to better enable readers to see the changes between the first and second rounds of funding, the infrastructure costs for the reporting year 2007 have also been added to the individual programmes by means of an internal key.

	Core-financed costs, in EUR'000s
<b>Research Field Earth and Environment*</b>	
Alfred Wegener Institute for Polar and Marine Research (AWI)	85,694
Forschungszentrum Jülich (FZJ)	28,567
Forschungszentrum Karlsruhe (FZK)	17,575
GKSS Research Centre Geesthacht (GKSS)	18,954
Helmholtz Centre for Environmental Research – UFZ	44,091
Helmholtz Centre Potsdam (GFZ)	38,190
Helmholtz Zentrum München (HMGU)	18,090
<b>Total, Research Field Earth and Environment</b>	<b>251,161</b>
<b>Research Field Health</b>	
Forschungszentrum Jülich (FZJ)	29,139
German Cancer Research Center (DKFZ)	111,002
GKSS Research Centre Geesthacht (GKSS)	4,892
GSI Helmholtz Centre for Heavy Ion Research (GSI)	3,680
Helmholtz Centre for Environmental Research – UFZ	5,234
Helmholtz Centre for Infection Research (HZI)	41,540
Helmholtz Zentrum München (HMGU)	76,363
Max Delbrueck Center for Molecular Medicine (MDC)	55,543
<b>Total, Research Field Health</b>	<b>327,329</b>
<b>Research Field Aeronautics, Transport and Space</b>	
Deutsches Zentrum für Luft- und Raumfahrt (DLR)	248.981
<b>Total, Research Field Aeronautics, Transport and Space</b>	<b>248.981</b>

The three Research Fields evaluated in 2008 will implement restructured research programmes beginning on 1 January 2009. Charts showing the new distribution of funding at the programme level can be found next to the descriptions of the new programmes – for Earth and Environment, see p. 30; for Health, see p. 44; for Aeronautics, Space and Transport, see p. 76.

\*Please note: Due to the Helmholtz Association's new Climate Initiative, the costs shown for the Research Field are only provisional. Exact figures are expected in early 2009.