



**18th IPHE Steering Committee Meeting (SC)
November 14, 2012
Seville, Spain**

Country Update Germany



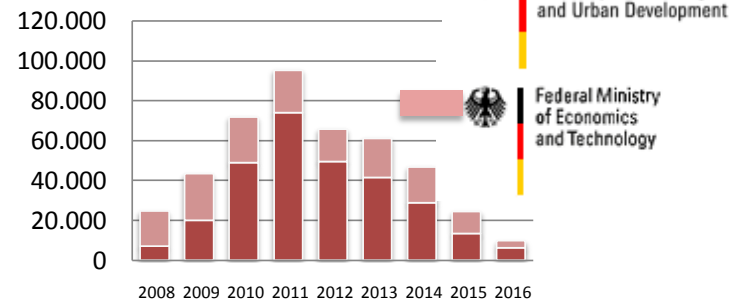
National Innovation Programme for Hydrogen and Fuel Cell Technology (NIP) Successful R,D&D-Programme



- link R&D with demonstration
- multi annual framework (2007-2016)
- collaboration of politics, industry and academia
- market driven
- central programme-management and networking structure

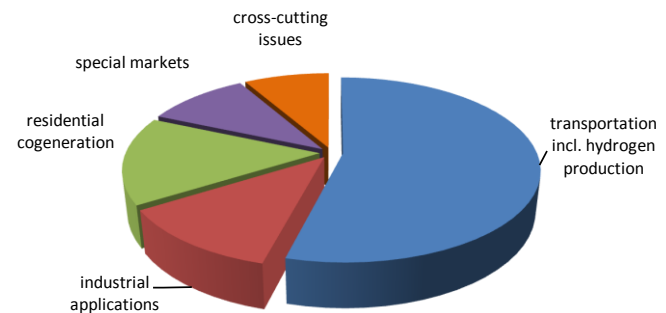
NIP – Federal Funding

approved projects (to date) in thousand Euro



programme area	# projects	# partner	funding BMVBS	funding BMWI	NIP total
transportation incl. hydrogen production	112	220	186.159	74.319	260.478
industrial applications	37	70	31.451	26.325	57.776
residential co-generation	26	92	38.888	35.287	74.175
special markets	50	95	38.547	10.209	48.756
cross-cutting issues	28	62	11.528	28.662	40.190
Total	253	539	306.572	174.802	481.374

(budget figures in thousand Euro)





Germany to expand nationwide network of hydrogen filling stations from 15 to 50 by 2015

June 20, 2012

- **joint Letter of Intent to expand the network of hydrogen filling stations in Germany**
 - signed by the German Ministry of Transport, Building and Urban Development (BMVBS) and several industrial companies
 - part of the National Innovation Programme for Hydrogen and Fuel Cell Technology (NIP)
 - overall investment more than €40 million (US\$51 million)
- **market-relevant testing of filling-station technology**
- **ensure a needs-driven supply for fuel cell vehicles**
- **coordination by NOW GmbH in the frame of the Clean Energy Partnership (CEP)**



Federal Ministry of Transport, Building and Urban Development



Ein Projekt im Nationalen Innovationsprogramm Wasserstoff- und Brennstoffzellentechnologie

„To facilitate market introduction [of fuel cell vehicles] we need a hydrogen station network covering and connecting the metropolitan regions.“

Dr. Peter Ramsauer, Federal Minister for Transport, Building and Urban Development