NEW ENERGY? YES, BUT JUST AS RELIABLE!

FACT BOOK
CONSOLIDATED FINANCIAL STATEMENTS 2012/13 PURSUANT TO IFRS

12 DECEMBER 2013



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ENERGY POLICY UNDERTAKINGS IN COALITION AGREEMENT



Energy policy undertakings in Coalition Agreement

Measures

Renewable energies expansion path 40%-45% by 2025, 55%-60% by 2035

Mandatory direct marketing / market premium model for new plants from 5 MW upwards, and for all plant sizes at latest from 2017

Tendering model for renewable energies as new subsidy mechanism from 2018; pilot model with open space photovoltaics at latest in 2016

Offshore wind power

2020 target reduced from 10 000 MW to 6 500 MW (2030: 15 000 MW) and compression model extended (higher initial compensation of 19 cent/kWh instead of 15 cents/kWh) by 2 years to 2019

Onshore wind power

Reduction of surplus subsidies for high-wind locations, expansion at locations with 75%-80% reference value should nevertheless still be possible

CHP expansion

Retention of CHP expansion target of 25 % by 2020 and adjustment to subsidies in context of Amendment to German CHP Act (KWKG)

Capacity market for conventional power plants

Development of a competitive non-technologyspecific capacity mechanism in medium term

Grids

Improvement in investment conditions for distribution grid operators



KEY FINANCIAL DATA FOR THE 2012/13 FINANCIAL YEAR



2012/13 financial year at a glance

- ▶ Sales rise from Euro 3.89 million and pass Euro 4 billion mark for the first time
- ▶ Adjusted EBIT declines from Euro 223 million to Euro 210 million
- ▶ Investments rise from Euro 294 million to Euro 392 million
- ► Due to growth programme, share of electricity generation attributable to renewables and CHP increases from 49% to 52%
- ▶ 7% increase in adjusted earnings per share

Key figures of the MVV Energie Group for the 2012/13 financial year – Adjusted

in Euro million	2012/13	2011/12	% change
Sales excluding energy taxes	4 044	3 895	+4
Adjusted EBITDA ¹	377	399	-6
Adjusted EBIT ¹	210	223	-6
Adjusted EBT ¹	144	151	-5
Adjusted annual net surplus 1	102	98	+4
Adjusted annual net surplus after minority interests ¹	85	80	+6
Adjusted earnings per share 1 (Euro)	1.29	1.21	+7
Cash flow from operating activities	371	285	+30

¹ excluding non-operating IAS 39 derivative measurement items, excluding restructuring expenses in previous year and including interest income from finance leases



Sales excluding energy taxes by reporting segments in the 2012/13 financial year

in Euro million	2012/13	2011/12	% change
Generation and Infrastructure	390	354	+10
Trading and Portfolio Management	1 054	976	+8
Sales and Services	2 356	2 162	+9
Strategic Investments	243	398	-39
Other Activities	1	5	-80
Total	4 044	3 895	+4

Adjusted EBIT by reporting segments in the 2012/13 financial year

in Euro million	2012/13	2011/12	+/- change
Generation and Infrastructure	149	141	+8
Trading and Portfolio Management	-16	3	-19
Sales and Services	40	21	+19
Strategic Investments	32	38	-6
Other Activities	5	20	-15
Total	210	223	-13

Reconciliation of EBIT (income statement) with adjusted EBIT in the 2012/13 financial year

in Euro million	2012/13	2011/12	+/- change
EBIT as reported in income statement	210	198	+12
Derivative measurement items under IAS 39	+3	+20	-17
Restructuring expenses	-7	_	-7
Interest income from finance leases	+4	+5	-1
Adjusted EBIT	210	223	-13

Key factors in 2012/13 financial year affecting year-on-year adjusted EBIT performance

Positive factors

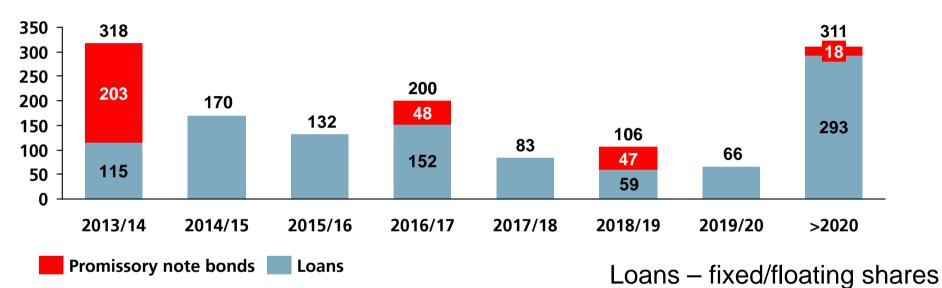
- Loss of charge from extended downtime at joint power plant (GKK) in Kiel in previous year
- Weather-related increase in turnover in the 2012/13 financial year
- Higher grid fees
- Expansion of renewable energy generation portfolio
- Non-recurrence of special and one-off items at MVV Enamic subgroup in previous year
- Cost reductions

Negative factors

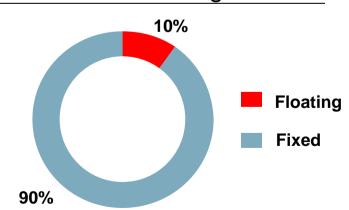
- Lower electricity and waste prices as well as lower availability of waste-to-energy plants
- Since January 2013, the previously freely allocated CO₂ emission allowances to be auctioned
- Continuing low clean dark spread (CDS) and falling electricity prices on the wholesale market
- Discontinuation of contribution to earnings due to the sale of the shareholding in Stadtwerke Solingen
- Sale of Maintal-Werke in previous year

MVV Energie has a solid financing profile

Repayment profile in Euro million



- ▶ Well-balanced maturity profile
- ▶ Long-term financing for investments, i.e. congruent terms
- ► High share of fixed interest agreements secures favourable rates on long-term basis
- ► Equity ratio of 34.3%

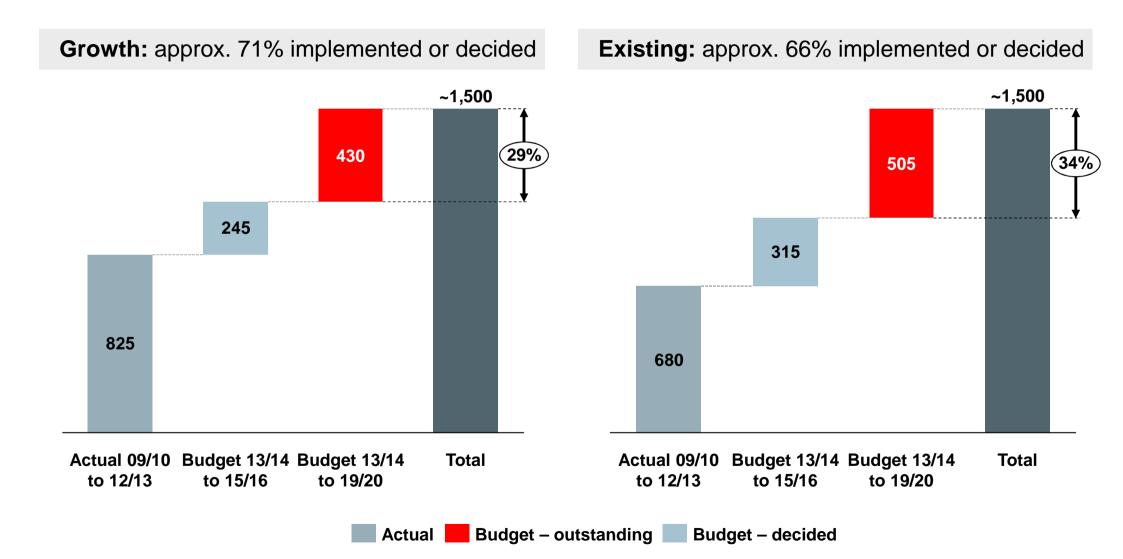




MVV ENERGIE – IMPLEMENTATION OF OUR STRATEGY

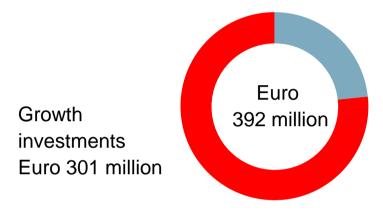


Implementation of investment programme at MVV Energie Group



Investment and growth

Investments in 2012/13 financial year



Replacement investments
Euro 91 million

► The investment must fit into our strategic framework and generate at least the WACC and additionally a project specific value spread.

	2012/13	2011/12
ROCE	8.4	9.0
WACC	7.4	8.6
Value Spread	1.0%	0.4%

▶ Growth

- Acquisition of German wind farms from Iberdrola
- Acquisition of Dirlammen wind farm
- Construction of Kroppenstedt biomethane plant
- Construction of Ridham Dock biomass power plant
- Construction of Plymouth energy from waste plant
- Construction of district heating storage facility at GKM
- Extending the supply of district heating in Mannheim

Existing business

- Optimising and preserving substance of supply facilities and distribution grids
- OptiMa energy efficiency project at the energy from waste plant in Mannheim
- New waste timber conveyor system at the biomass power plant in Mannheim



Acquisition of German onshore wind farm portfolio from Iberdrola



Wind farm portfolio of Iberdrola

- ▶ Launch of operations: 2003 until 2008
- ▶ Investment: Furo 53 million
- ▶ 7 locations in 5 federal states
- ▶ Total of 40 wind turbines manufactured by GE and Gamesa: of which
 - 22 MW in 2.0 MW capacity class 37.5 MW in 1.5 MW capacity class 3.4 MW in 0.85 MW capacity class
- ▶ Output: 63 MW_e
- ► Electricity output: 108 million kWh p.a. (equivalent to consumption of 30,000 households)
- ▶ CO₂ reduction: 78,000 tonnes a year

Plymouth energy from waste plant project: Construction work progressing on schedule

South West Devon Waste Partnership



Investment and financing

- ▶ Investment: approx. Euro 250 million
- **Financing:** secured with KfW IPEX-Bank, Svenska Handelsbanken and FIB
- ▶ Start of main construction work: August 2012
- ► Launch of operations: 2015

Technical data

- ► Thermal use of waste volume: 245,000 tonnes p.a.
- ▶ Net electricity output: 22.5 MW_e
- ▶ Max. thermal energy output: 23.3 MW_t

Broad and secure revenue base

- ▶ Municipal waste contract: 25-year term, 75% bring-or-pay
- ► Energy supply contract with a 25-year term to supply electricity and steam to navy base
- Government support for cogeneration and generation of renewable energy from biogenic share of waste



Biomass power plant project in Ridham Dock (UK): MVV Energie has started the construction work

Biomass power plant Ridham Dock



Investment and financing

- ▶ Investment: approx. Euro 140 million
- Financing: corporate funding
- ▶ Start of main construction work: April 2013
- ► Launch of operations: 2015

Technical data

- ► Thermal use of waste wood volume: 172,000 tonnes p.a.
- ▶ Net electricity output: 23.2 MW_e
- Electricity generation: approx. 188 million kWh p.a.
- Optional combined heat and power generation (CHP)

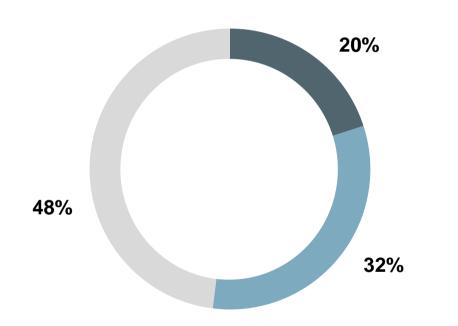
Broad and secure revenue base

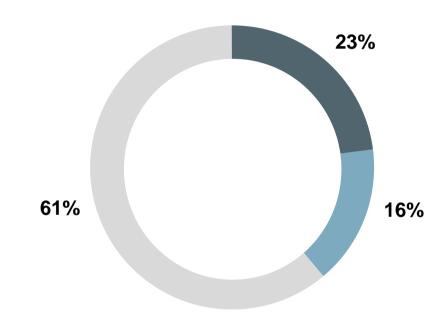
- More than 1 million tonnes of waste wood in the catchment area
- State support of the production of renewable energy from biomass

High priority for renewable energies at MVV Energie Group

Electricity generation of the MVV Energie Group in Germany in FY 2012/13: 3.7 bn kWh

Net electricity generation in Germany in 2012: 583 bn kWh¹





- Electricity from renewable energies, including biomass cogeneration and biogenic share of waste
- Electricity from cogeneration
- Other electricity generation

1 Sources: Association of the German Energy and Water Industries (BDEW), Prognos AG, transmission grid operators and own calculations (preliminary)



OUTLOOK



Outlook for 2013/14 financial year

► Sales (excluding energy taxes):

Growth of 5% to 10% compared with previous year's high figure of Euro 4.0 billion



► Adjusted EBIT:

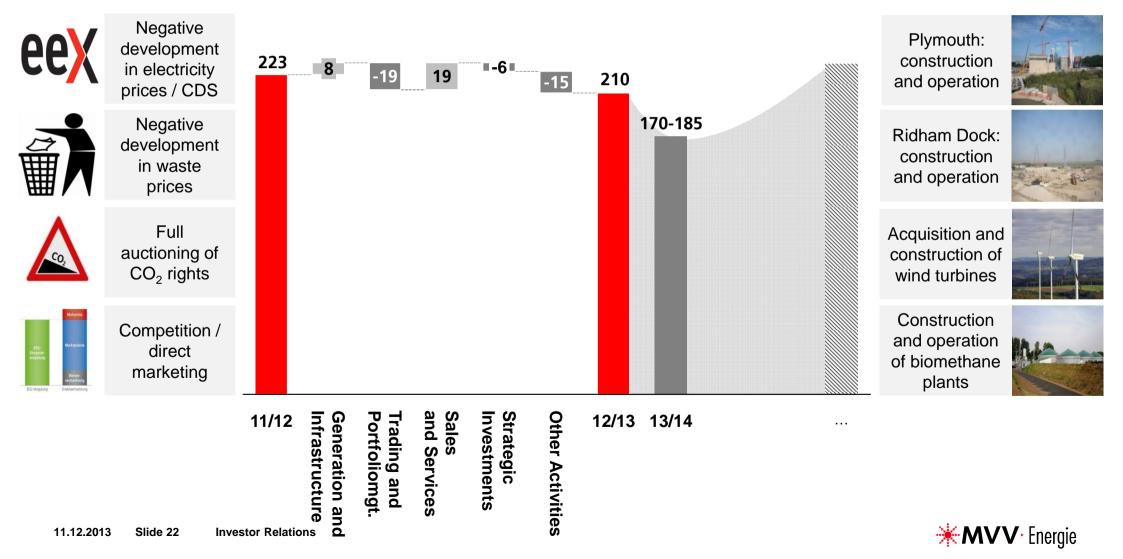
Range of Euro 170 million to Euro 185 million



- Key drivers of adjusted EBIT forecast:
 - Ongoing low margin achieved from generating electricity from hard coal (clean dark spread)
 - Low wholesale electricity prices
 - Costs of CO₂ rights previously allocated free of charge
 - Low waste prices and start-up costs for our growth investments

Adjusted EBIT of MVV Energie Group – development and outlook

Euro million



FINANCIAL CALENDAR



Financial calendar 2013/14

1 2.12.2013	2012/13 Annual Report
1 2.12.2013	Annual Results Press Conference and Analysts` Conference in Frankfurt/Main
1 4.2.2014	Financial Report 1 st Quarter of 2013/14
1 4.3.2014	Annual General Meeting in Mannheim
17.3.2014	Payment of Dividend
1 5.5.2014	Half-Year Financial Report of 2013/14 and Analysts` Conference Call
1 5.8.2014	Financial Report 3 rd Quarter of 2013/14
1 1.12.2014	2013/14 Annual Report
1 1.12.2014	Annual Results Press Conference and Analysts` Conference in Frankfurt/Main



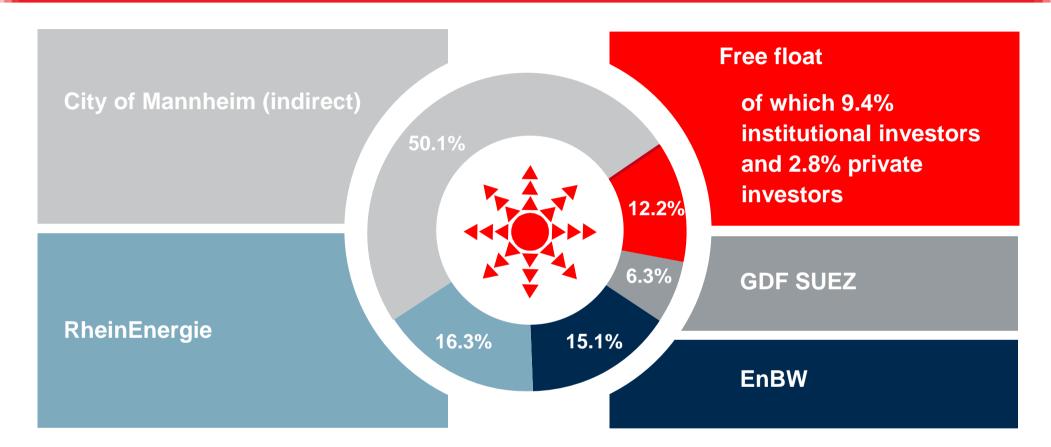
BACK UP



THE SHARE OF MVV ENERGIE AG



Current shareholder structure and key figures of MVV Energie AG



- No. of shares: 65.907 million
- Ø daily turnover: 4,121 shares in 2012/13 FY
- Market capitalisation:
 Euro 1,555 million
 (Closing price on 11.12.2013:
 Euro 23.44 Euro)
- ► Free float: Euro 189 million

Performance comparison of the MVV Energie AG share



MVV Energie

High dividend distribution in past eight years

Dividend	2012/13	2011/12	2010/11	2009/10	2008/09	2007/08	2006/07	2005/06
Dividend/Share (Euro)	0.90 ¹	0.90	0.90	0.90	0.90	0.90	0.80	0.80
Total dividend ² (Euro million)	59.3	59.3	59.3	59.3	59.3	59.3	52.7	44.6
Closing price on 30.9. (Euro)	22.35	21.39	23.86	29.00	30.83	33.20	29.49	23.23
Dividend yield ³ (%)	4.0	4.2	3.8	3.1	2.9	2.7	2.7	3.4

¹ subject to approval by the Annual General Meeting on 14 March 2014

² with dividend entitlement in FY 2005/06: 55.8 million shares; since FY 2006/07: 65.9 million shares

³ dividend yield based on respective closing price in XETRA trading on 30 September

Advantages for our shareholders

Well balanced portfolio

- Across major steps of the value added chain.
- across regions and
- across customers

Green & clean

- No nuclear exposure in own generation
- Wind onshore, biomass and biomethane
- CHP and district heating
- R&D: Smart metering

Ambitious capex programme until 2020

- ► Euro 3 billion in total of which
 - Euro 1.5 billion in growth
 - Euro 1.5 billion in replacement investments

Solid balance sheet

- Long term investment horizon matched with long term maturities
- High equity ratio of 34.3%



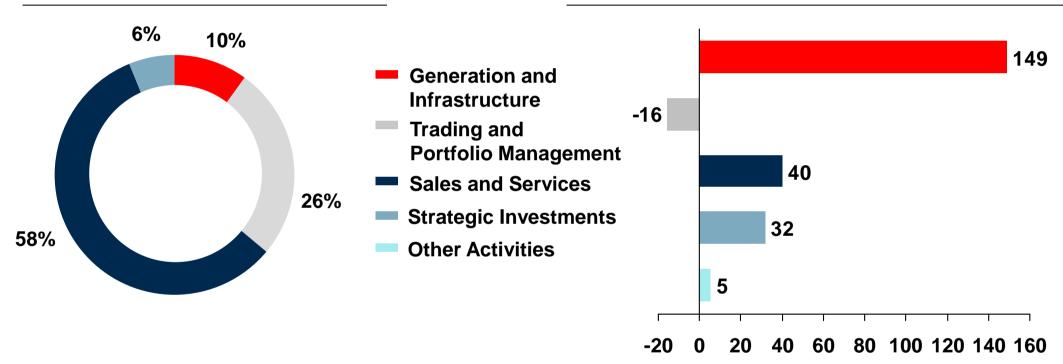
ADDITIONAL FINANCIAL INFORMATION



Sales and adjusted EBIT by reporting segments



Adjusted EBIT in 2012/13 FY(Euro million)



Sales and adjusted EBIT performance by quarter

in Euro million	2012/13	2011/12	% change
1 st Quarter	1 082	1 018	+6
2 nd Quarter	1 149	1 072	+7
3 rd Quarter	935	888	+5
4 th Quarter	878	917	-4
Sales in the financial year	4 044	3 895	+4
1 st Quarter	88	74	+19
2 nd Quarter	92	106	-13
3 rd Quarter	39	46	-15
4 th Quarter	-9	-3	> -100
Adjusted EBIT in the financial year	210	223	-6

MVV Energie

Electricity and heating energy turnover in the 2012/13 financial year

	2012/13	2011/12	% change
Electricity in kWh million	25 817	28 283	-9
of which Generation and Infrastructure	61	93	-34
of which Trading and Portfolio Management	14 489	15 750	-8
of which Sales and Services	10 733	11 071	-3
of which Strategic Investments	534	1 369	-61
District heating in kWh million	7 510	6 888	+9
of which Generation and Infrastructure	402	274	+47
of which Trading and Portfolio Management	_	673	-100
of which Sales and Services	5 901	4 772	+24
of which Strategic Investments	1 207	1 169	+3

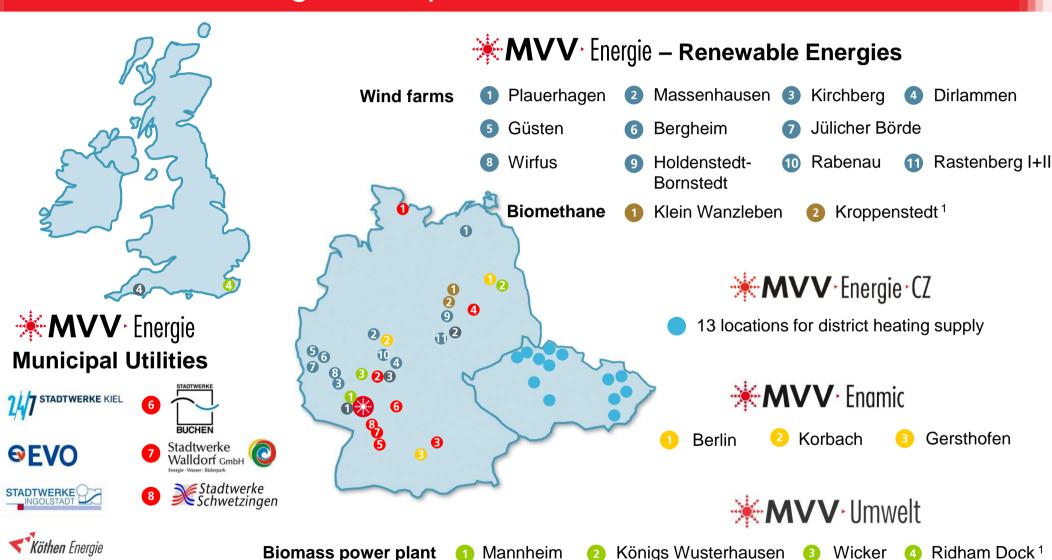
Gas and water turnover and combustible waste delivered in the 2012/13 financial year

	2012/13	2011/12	% change
Gas in kWh million	25 078	17 418	+44
of which Generation and Infrastructure	60	4	> +100
of which Trading and Portfolio Management	16 313	7 762	> +100
of which Sales and Services	7 482	7 567	-1
of which Strategic Investments	1 223	2 085	-41
Water in m ³ million	47.4	52.9	-10
Combustible waste delivered in tonnes 000s	1 888	1 897	0

INVESTMENTS



Municipal utility companies and major locations of the MVV Energie Group



1 under construction

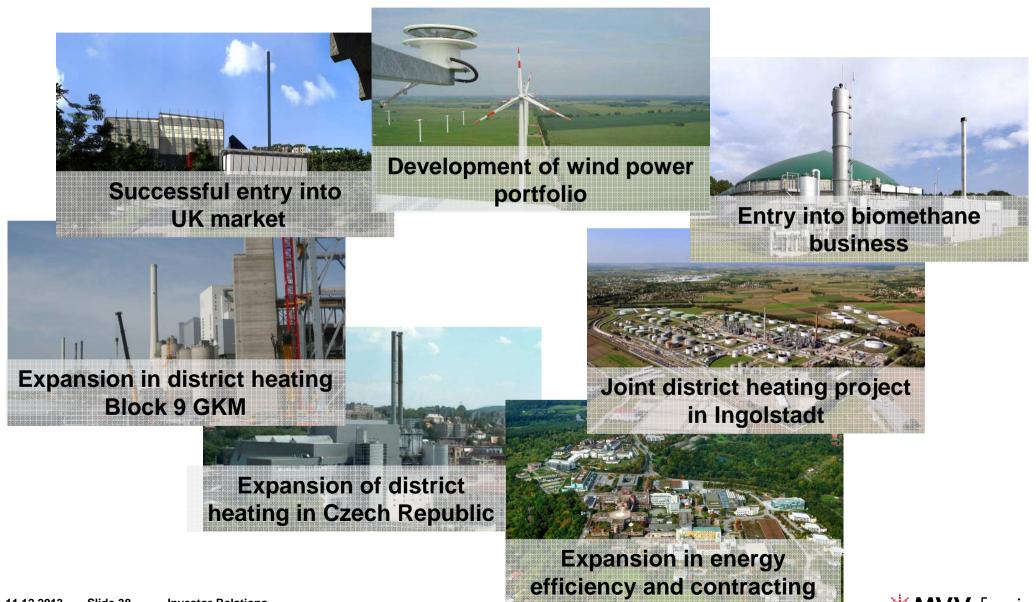
Mannheim

TREA Leuna 3 Offenbach

Plymouth ¹

Waste utilisation

We are making good progress with implementing our growth targets - Examples of projects implemented since MVV 2020



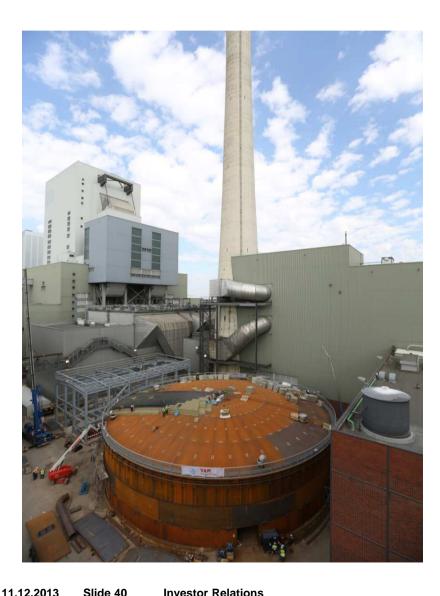
Kirchberg wind farm – successful expansion of wind energy



Kirchberg location in Rhineland-Palatinate

- ► Launch of operations: successively from December 2011
- ▶ Investment: Euro 84 million
- ▶ Joint venture with juwi
- ▶ 23 E-82 E2 type wind turbines (Enercon)
- ► Hub height: 138 metres
- ▶ Output: 53 MW_e
- ► Electricity output: 125 kWh million p.a. (equivalent to consumption of 35,000 households)
- ► CO₂ reduction: 100,000 tonnes a year

District heating storage facility at Grosskraftwerk Mannheim (GKM)



District heating storage facility at GKM

▶ Launch of operations: Autumn 2013

▶ Investment: Furo 27 million

► **Height:** 36 metres

▶ **Diameter:** 40 metres

► Capacity: 43,000 cubic metres

▶ Usable heat content: 1.5 million kWh

Economic ownership and operations management: MVV Energie

Construction and operation: GKM

Biomethane plant Kroppenstedt – second step towards building up a biomethane cluster in Sachsen-Anhalt

Biomethane plant at Kroppenstedt location

- ▶ Launch of construction work: December 2012
- ► Launch of operations: End of 2013
- ▶ Investment: roughly Euro 14 million
- ▶ Biogas production: 63.5 million kWh p.a.
- ► **Gas output:** 695 Nm³ per hour of biomethane (in natural gas quality)
- ► Raw materials requirement: approx. 78,000 tonnes p.a, mainly cow slurry/cow dung, maize silage and sugar beet
- ▶ Planned operating term: 26 years









Launch of biomethane business at Klein Wanzleben location

Biomethane plant at Klein Wanzleben location

- ▶ Launch of construction work: end of May 2011
- ► Launch of operations: July 2012
- ▶ Investment: Euro 12.6 million (of which MVV Energie: Euro 9.4 million)
- ▶ Biogas production: 63 million kWh p.a.
- ▶ Raw materials requirement: approx. 47,500 tonnes p.a. of maize silage, 4,000 tonnes p.a. of sugar beet plus 10,000 tonnes p.a. of sugar beet chips for process heat production (own consumption)
- ▶ Planned operating term: at least 20 years





Decentralised energy supply – EVO wood pellet plant in Offenbach



Wood pellet plant in Offenbach

- ► Launch of operations: May 2011
- Investment in wood pellet plant, including adjacent biomass cogeneration plant: approx. Euro 17 million
- ► Wood pellet production from shavings and waste timber in 2012/13 FY: 45,000 tonnes
- Possibility of doubling wood pellet production in further expansion stage
- ► Substitute fuel for up to 50,000 tonnes of hard coal at EVO's cogeneration plant
- ► CO₂ reduction: up to 80,000 tonnes p.a.

Implementation: Successful expansion of district heating – Ingolstadt



Ingolstadt joint district heating project

- ▶ Launch of operations: summer 2011
- Bavaria's largest waste heat and district heating project
- ▶ Investment: around Euro 23 million
- ▶ Joint project with Petroplus refinery, City of Ingolstadt and AUDI AG
- Construction of a 5.3 km district heating pipeline
- ► Thermal energy output: 300 million kWh p.a.

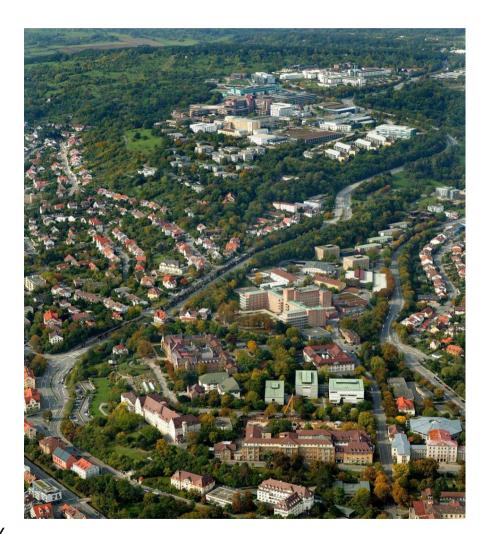
Enhanced energy efficiency and contracting – Tübingen University Hospital

Tübingen University Hospital

- ► Assumption of operations: July 2010
- Conversion of 40 year-old heat power plant from oil and gas to wood pellet operations
- ► Launch of operations: March 2013
- ▶ Investments: Euro 12 million
- ► Contractual term: 20 years

Technical data

- ▶ 2 wood boilers: each 10 MW,
- ► Peak load boiler: 17 MW_t + reserve boiler 32 MW_t
- ► CO₂ reduction: 20,000 tonnes a year, or up to 98%





TERMIZO – Heating energy from waste

TERMIZO in the Czech Republic

- ▶ TERMIZO is a waste-fired heating energy plant that meets the highest European standards
- ▶ Purchase price: approx. Euro 21 million
- ▶ All of the heating energy produced is supplied to Teplarna Liberec
- Single-line plant concept with modern flue gas cleaning



Technical data

- Thermal energy output: 38.3 MW_t
- Electricity generation: 4.0 MW_e
- Waste incineration capacity: 106,000 tonnes p.a.



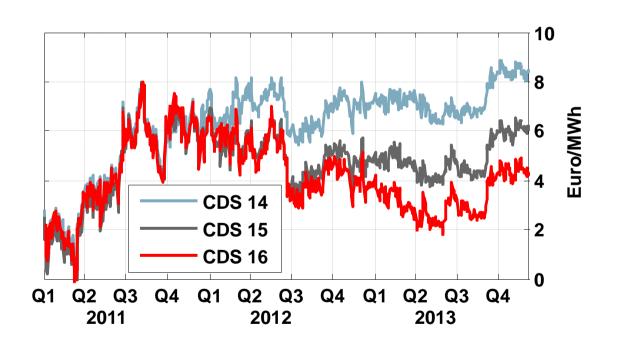
Grosskraftwerk Mannheim (GKM)

Grosskraftwerk Mannheim (GKM)

- ▶ Launch of operations at Block 9: 2015
- ▶ Shareholder structure in GKM: 28% MVV Energie, 40% RWE, 32% EnBW
- ▶ Gross electricity generation capacity at GKM: 1,675 MW_a
- Gross electricity generation capacity at new Block 9: 911 MW_e
- ▶ Fuel efficiency of new Block 9: up to 70%
- District heating supply secure, as Blocks 3 and 4 to remain in operation until Block 9 is online
- ▶ Immission protection approval to use Block 3 as "cold reserve" in winter months



The Clean Dark Spread (CDS) development has a significant impact on the MVV Energie Group



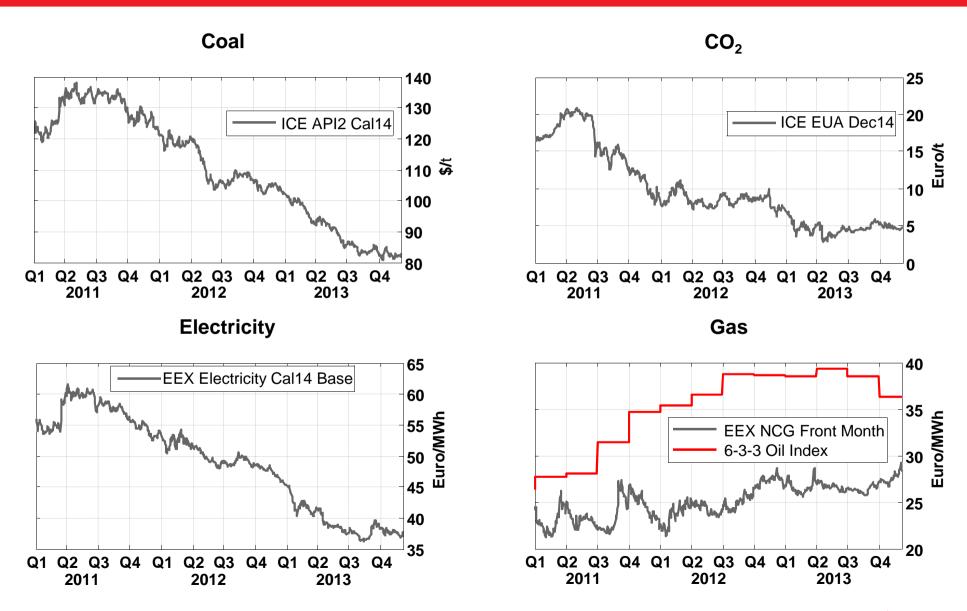
Future CDS development will be influenced by different markets and political decisions:

German power generation

- Nuclear exit
- Renewable generation (wind, solar)
- New conventional generation
- Global coal markets/FX
- Carbon price level



Energy price curves





MVV ENERGIE ENERGISING THE FUTURE

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