

NRW Bank Equity Investments

Presentation of Cleantech Investing Activities

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NRW.BANK – Facts & Figures

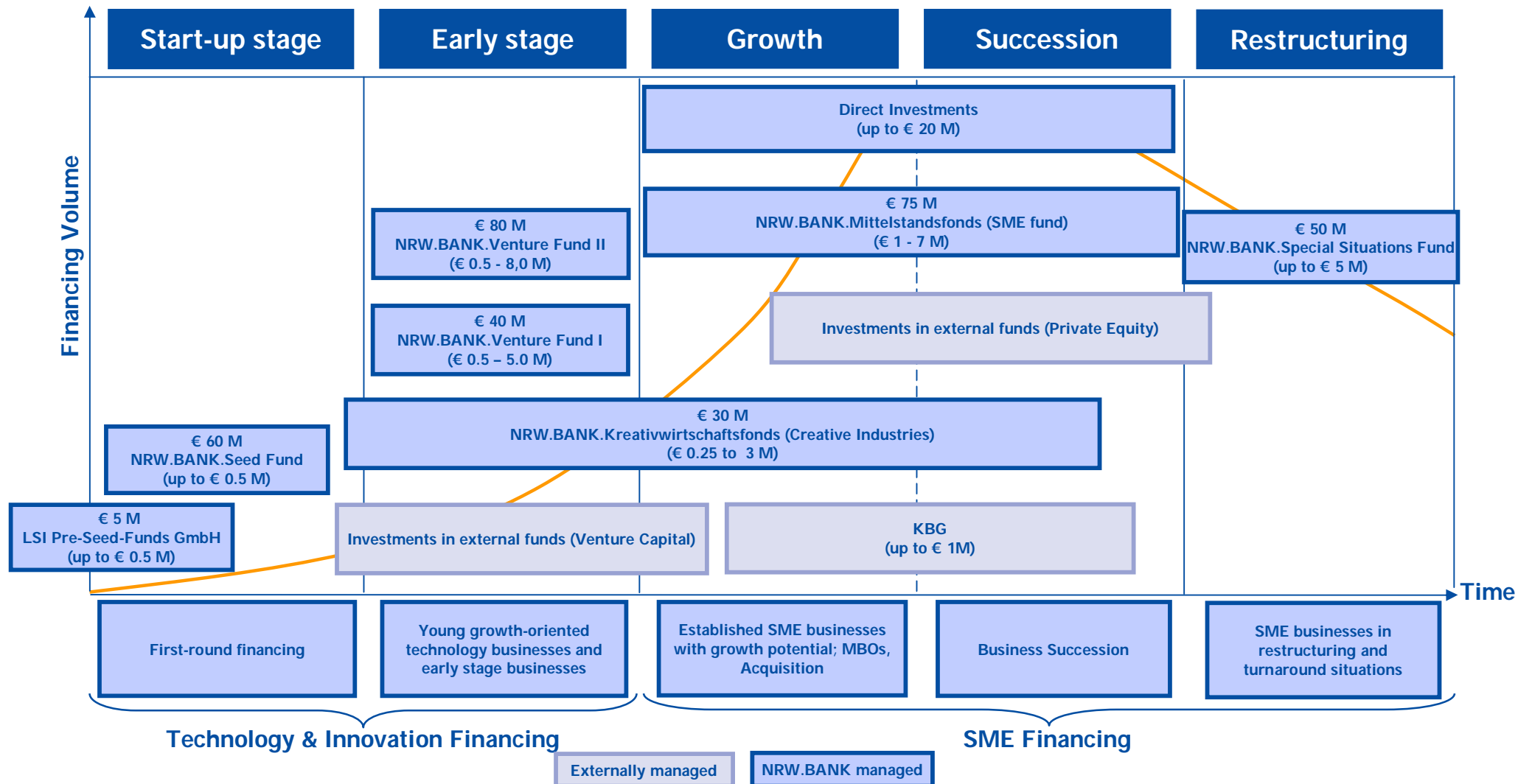
- With total assets of around EUR 157 billion, NRW.BANK is the **largest** institution among Germany's **regional development banks**
- Owner of NRW.BANK is the **State of North-Rhine Westphalia** (100 %)
- NRW.BANK seeks funding in the global capital markets with an annual issuance of approximately EUR 15 billion and thus is one of the **top five bond issuers in Germany**
- NRW.BANK employs approximately **1.200 people**
- NRW.BANK's registered offices are in **Duesseldorf** and Muenster

Core Business Activities

- **Provision of Venture Capital and Private Equity**
- Structural development of cities and municipalities
- Infrastructure financing
- Financial measures in agriculture and forestry for rural areas
- Environmental protection, technology- and innovation financing
- Housing development



Overview of Investment Vehicles



Technology Focus NRW.BANK Venture / Seed Funds



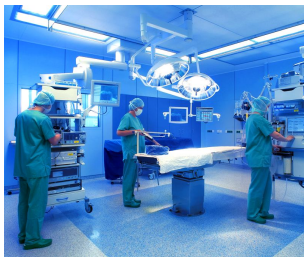
Software



Biotech



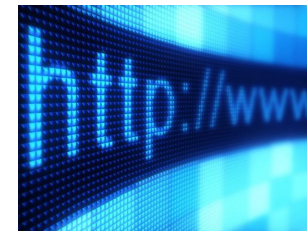
Pharma



Medtech



Cleantech



IT/Internet

NRW.BANK.Venture Fund

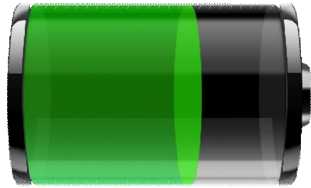
Characteristics

- Volume €80M
- Focus on North Rhine-Westphalia
- Promotion of financing for young high-growth enterprises
- Involvement of co-investors
- Direct equity investments or convertible loans
- Minority stakes only

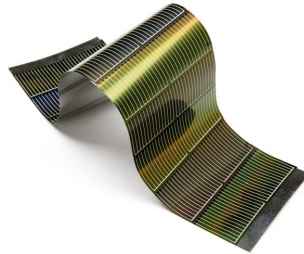
Investment Criteria

- High Tech and/or technology-oriented businesses
- ICT, Software, Life Sciences (MedTech, Pharma, Biotech), CleanTech
- Financing from early to later stage; A-rounds and follow-on rounds
- Realistic perspective of a successful exit within 5 years
- Overall investment up to €8M, sweetspot in 1st round between 1,5 and €3M
- Board Seat

Preferred Cleantech Industry Sectors



Energy Storage



Energy Efficiency / Materials



Water Technologies



Smart Grid Hard- / Software



Green Chemistry



Industrial Biotech

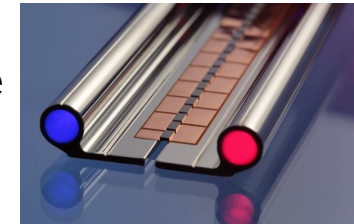
Cleantech Portfolio – Venture Fund I. / II.



Applications in biomass engineering for animal feed- and ethanol sector



Active in the field of low- and high temperature thermoelectric generators














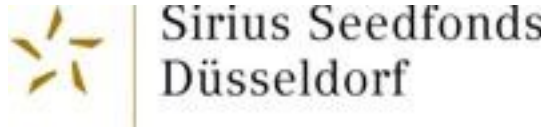


Provider of smart metering- and smart home software



Development and production of bio based intermediates for the chemical industry



Cleantech Portfolio – Seed Funds

	Recycling technology to split up PV waste composite materials into raw materials	
	Developer of concentrated solar power technologies and projects	
	Development of mobile heat storage systems	
	Innovative system to generate electricity from ocean waves	
	Intelligent power control components for use in smart home systems	
	Development and production of enzymes and fine chemicals for the chemical and pharmaceutical industry	
	Development of smart metering and smart home software solutions	

Investment Partners NRW Bank Venture Fund I. / II. (selection)

wellingtonpartners
VENTURE CAPITAL

TVM | Capital

 High-Tech Gründerfonds

MIG
Fonds

 CREATHOR
VENTURE

SHS 

emerald
Technology Ventures 

EARLYBIRD

PEPPERMINT.
FINANCIAL PARTNERS

LANXESS
Energizing Chemistry

 kfw
BANKENGRUPPE

Thank you !

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