INI-GraphicsNet

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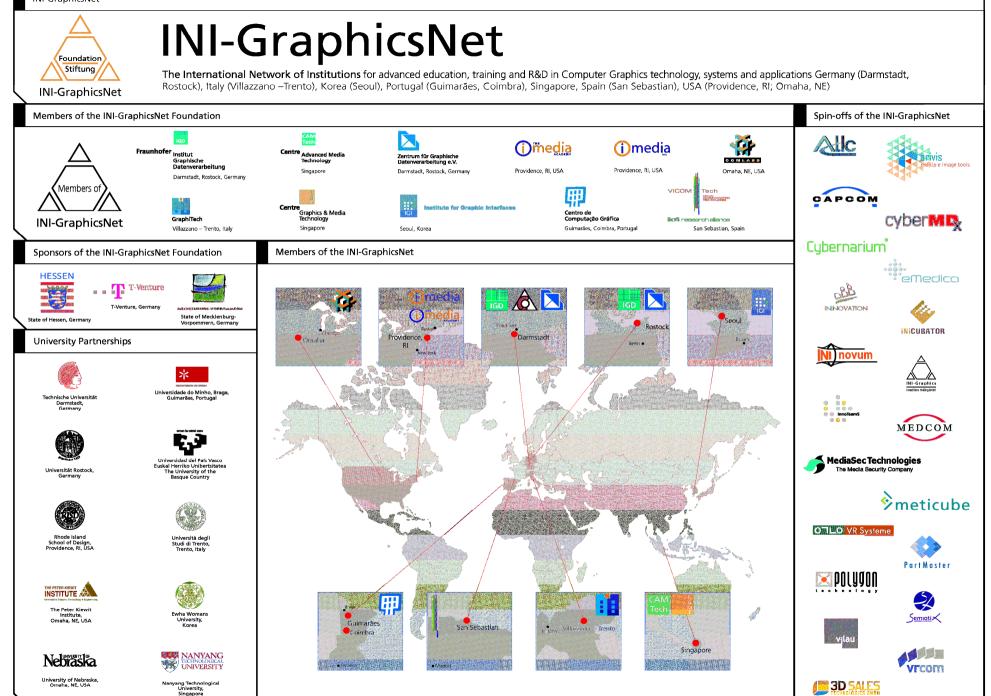


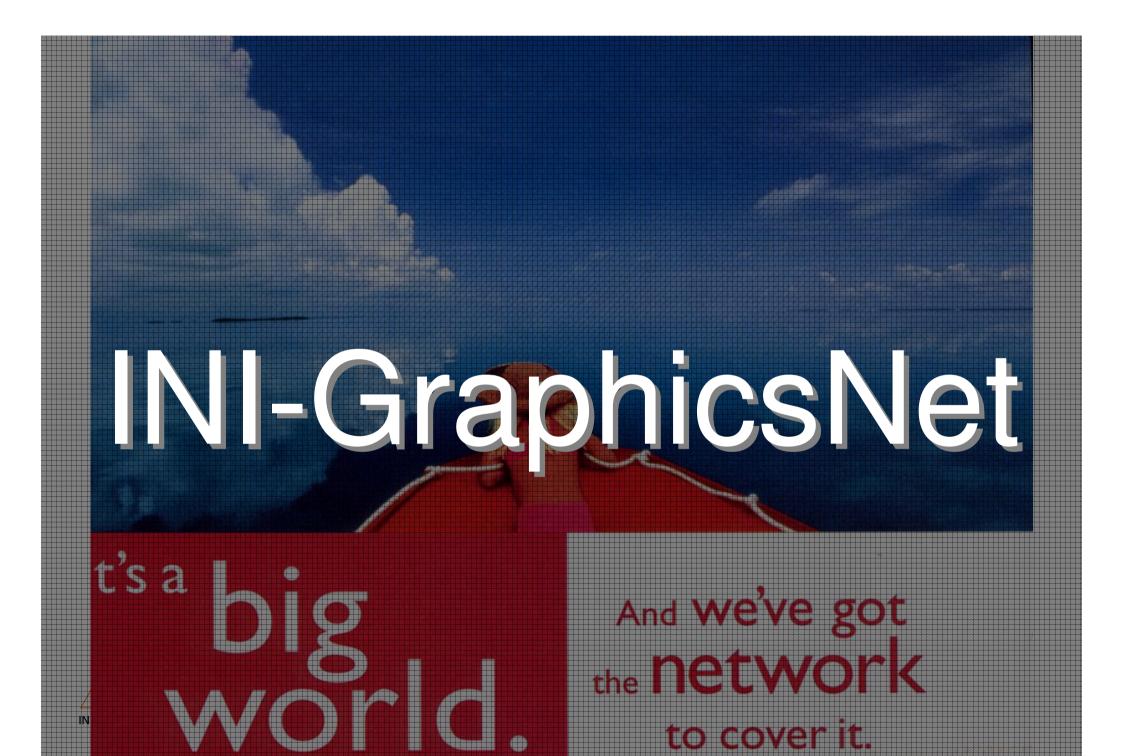
Washington, DC, February 15, 2007

- INI-GraphicsNet
- Technology Transfer Bridge
- INI-GraphicsNet Foundation
- From generating Ideas to Exploitation
- Technology Screening (Examples)
- Identifying IPR's with great commercial potential (Examples)
- Successful Spin-offs (SME's)
- Summary

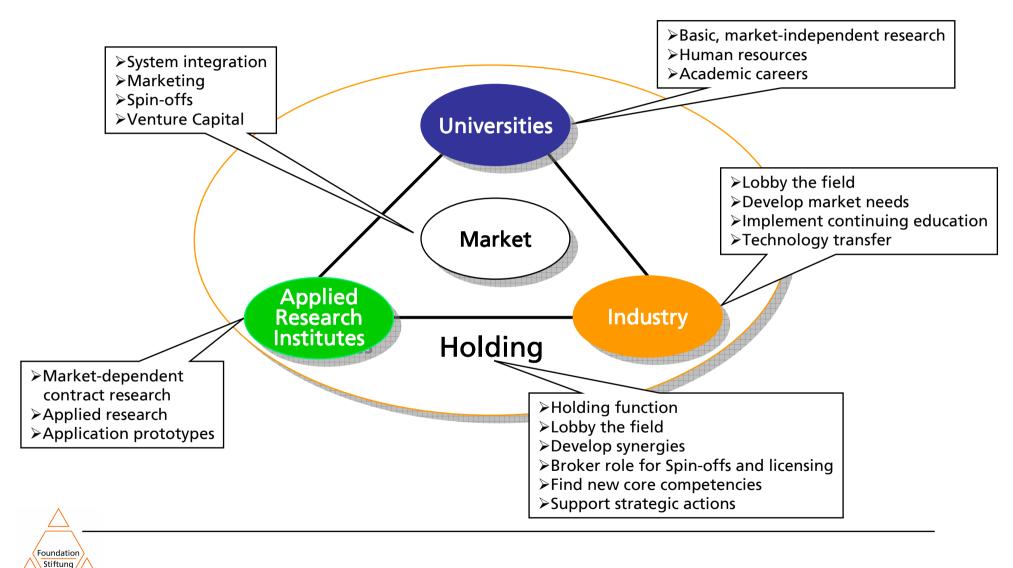






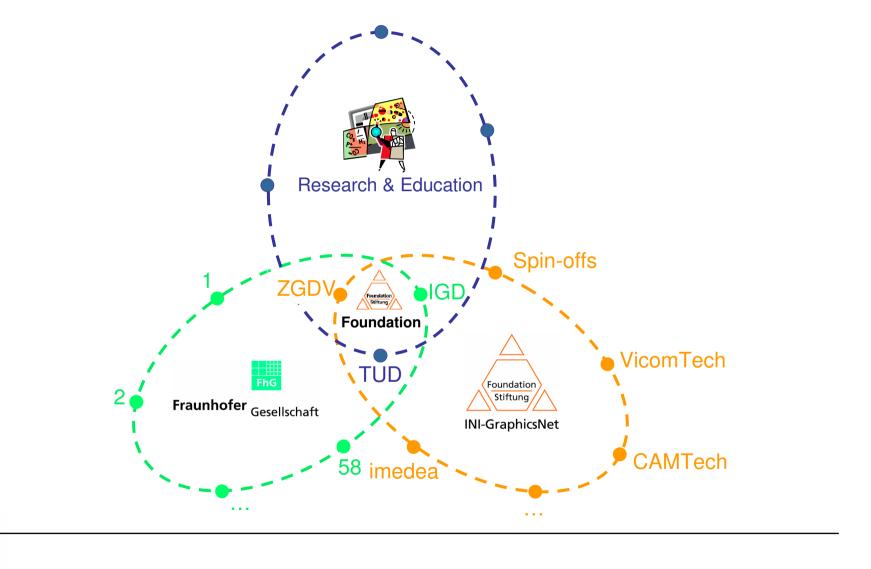


Networking in the INI-GraphicsNet



INI-GraphicsNet

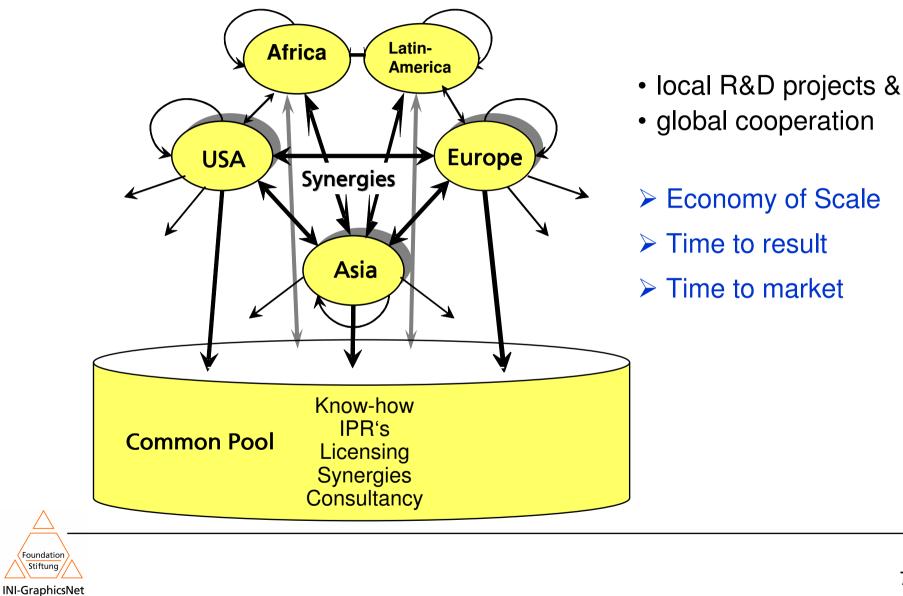
Networking with the INI-GraphicsNet Foundation



Stiftung INI-GraphicsNet

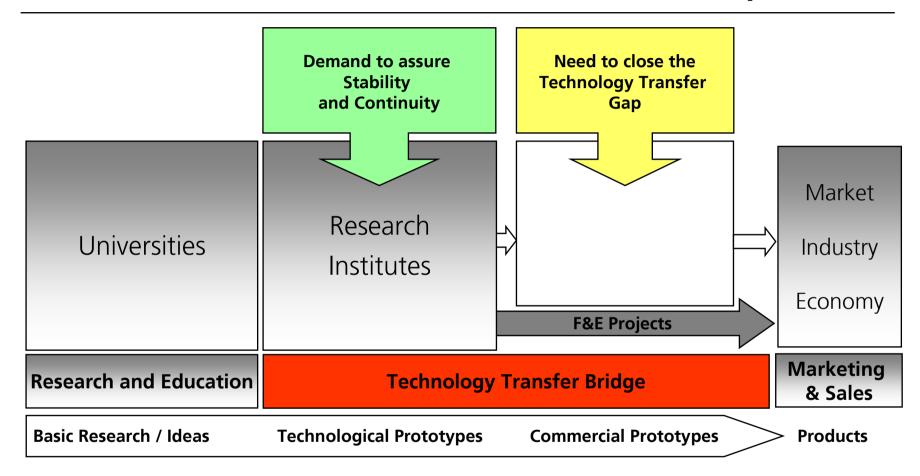
Foundation

Applied R&D is Global



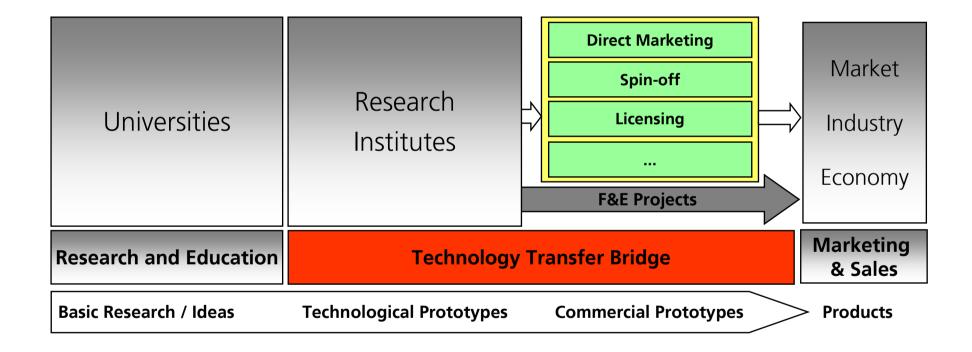


Transfer of Research Results – The Gap



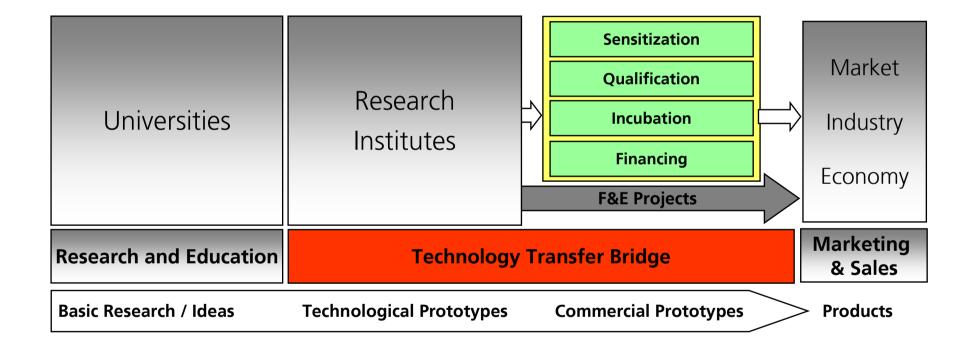


Transfer of Research Results – Instruments





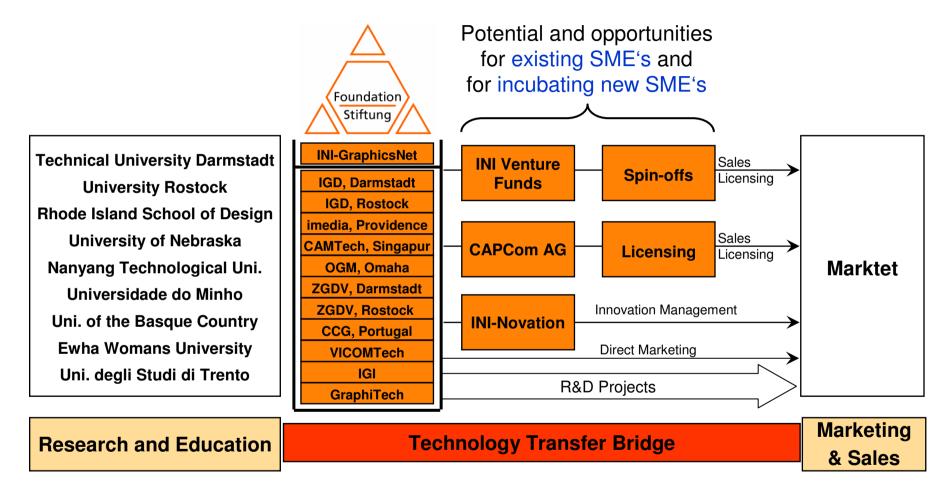
Transfer of Research Results – Measures

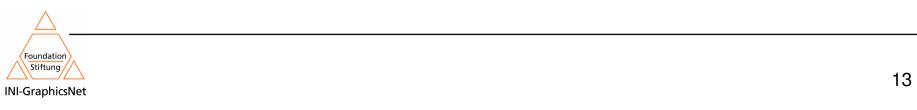




INI-GraphicsNet Foundation

The INI-GraphicsNet Technology Transfer Bridge





INI-GraphicsNet Foundation

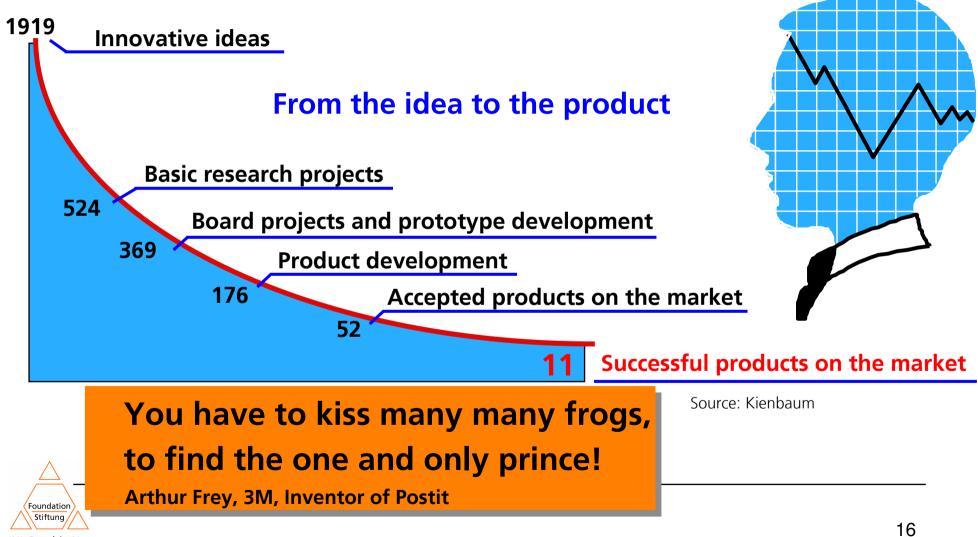
- INI-GraphicsNet Foundation (1999)
 - Promoting innovation through technology screening, asset management und innovation management
 - Supporting technology transfer and foundation of spin-offs
 - Strengthening collaboration within the INI-GraphicsNet
 - Developing synergies
 - Enhancing effectiveness of joint R&D and exploitation efforts
 - Supporting project acquisition
 - Fundraising for financing R&D co-operations and marketing
 - Participating in national and international research projects to early plan and implement exploitation measures
 - Cultivating the reputation of computer graphics as a whole



Wettbewerb hat Teilnehmer!

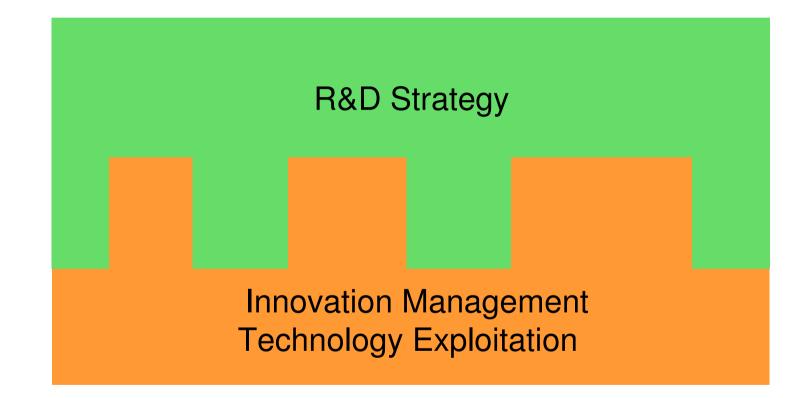
Narkef Access (cemancf-oriented)

From generating Ideas to Exploitation

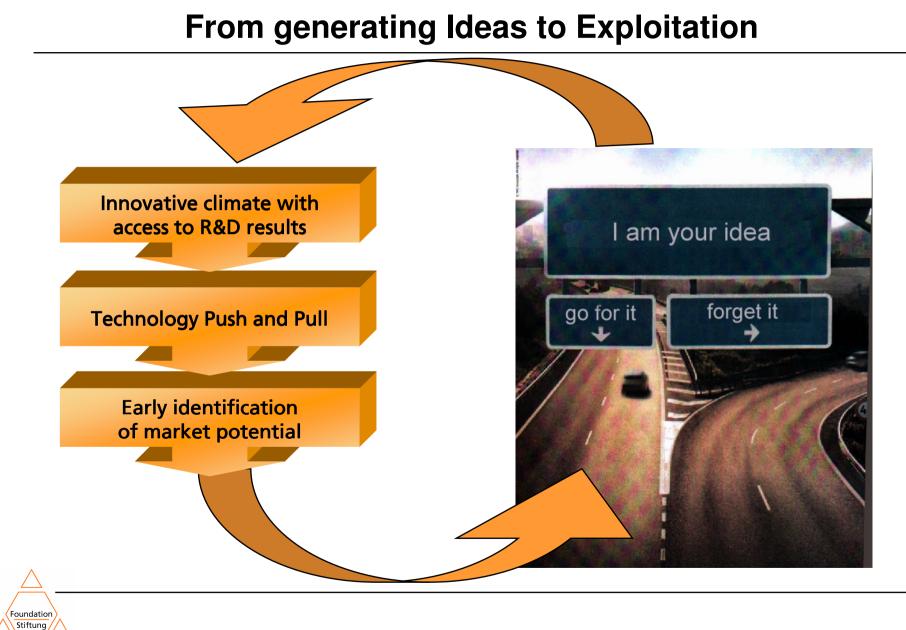


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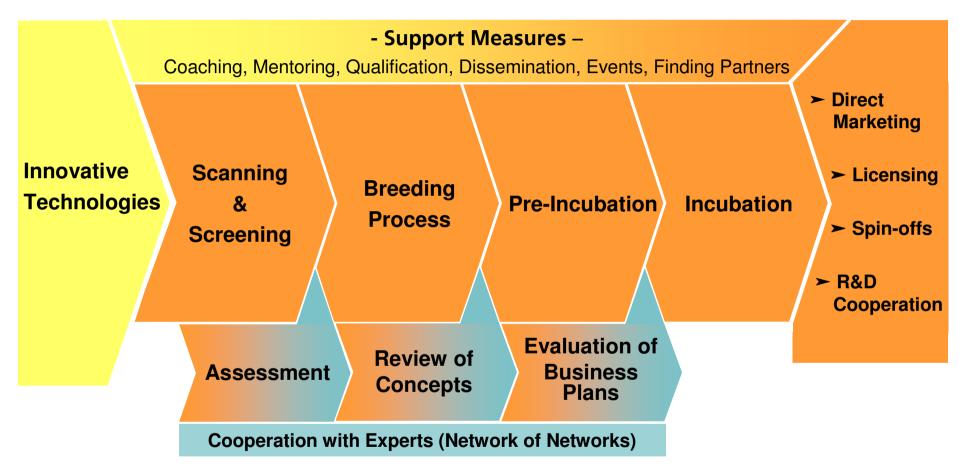
From generating Ideas to Exploitation



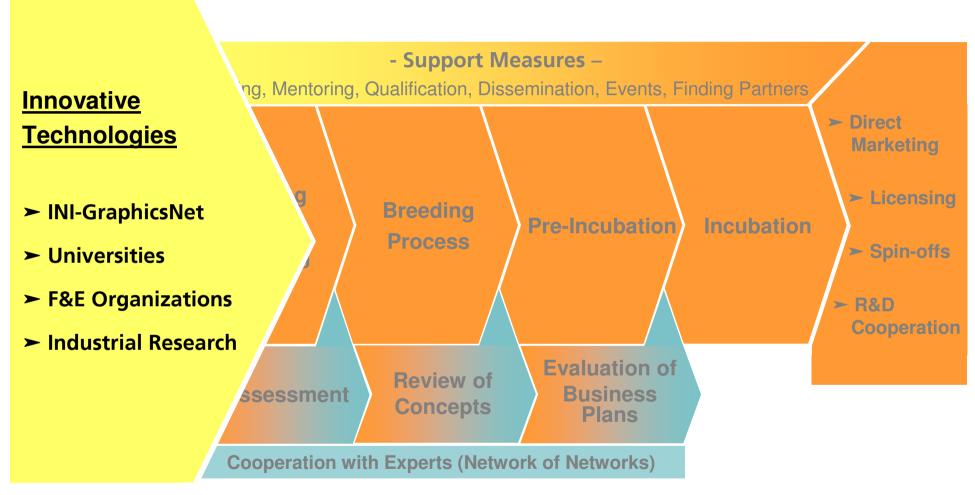


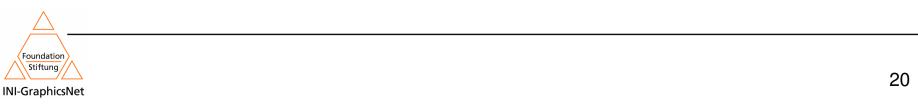


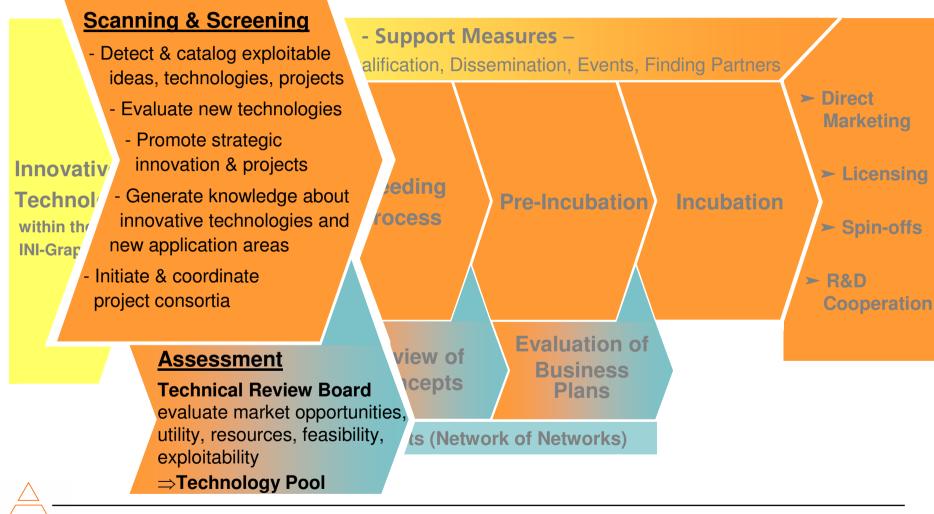
INI-GraphicsNet



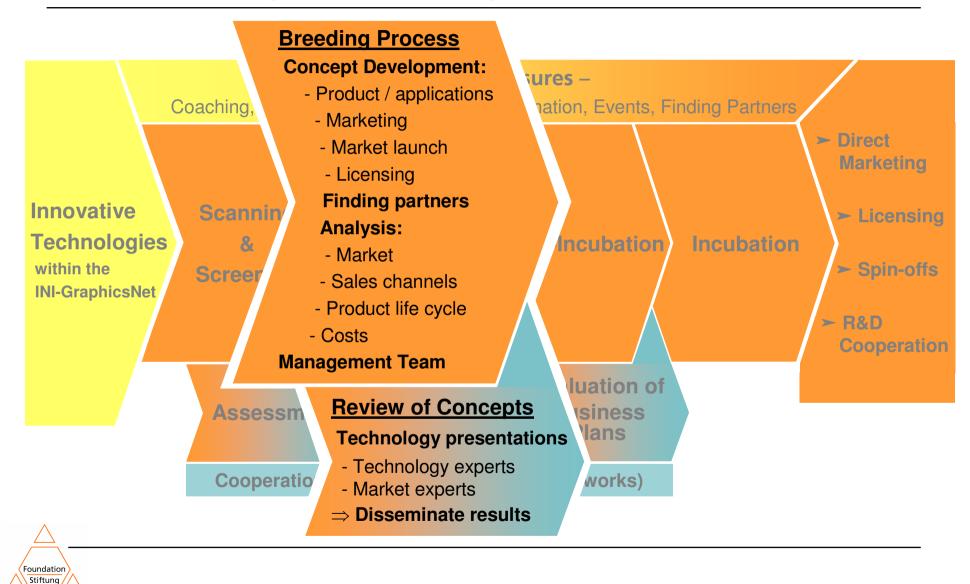


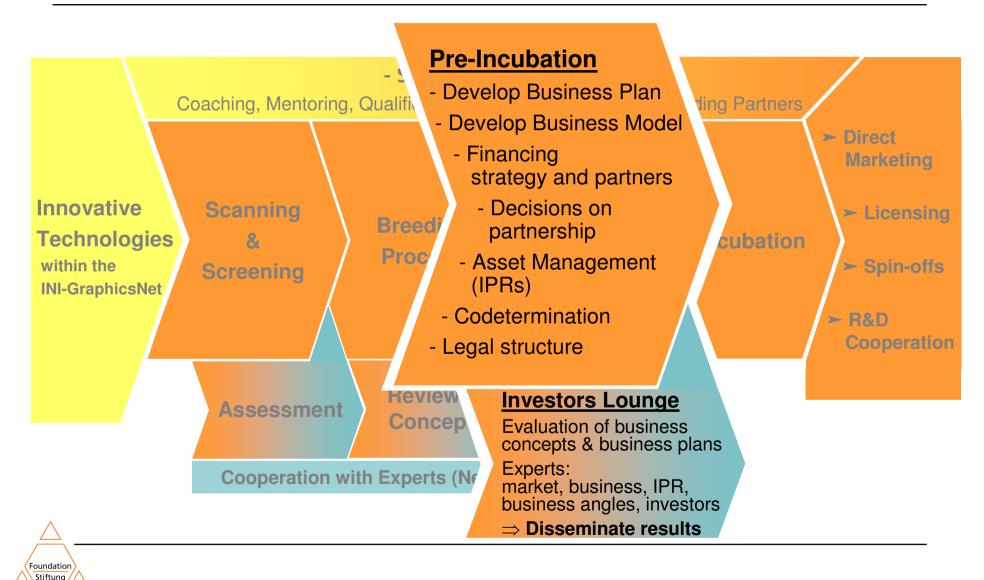




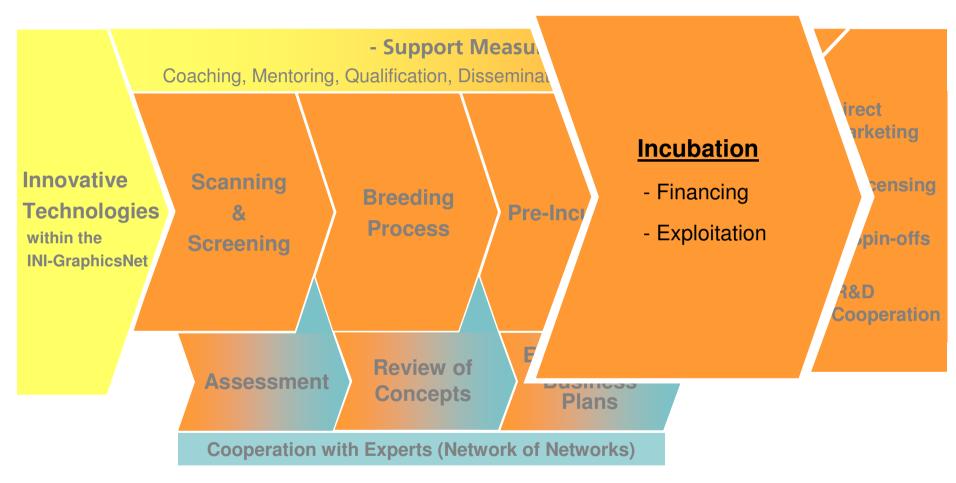




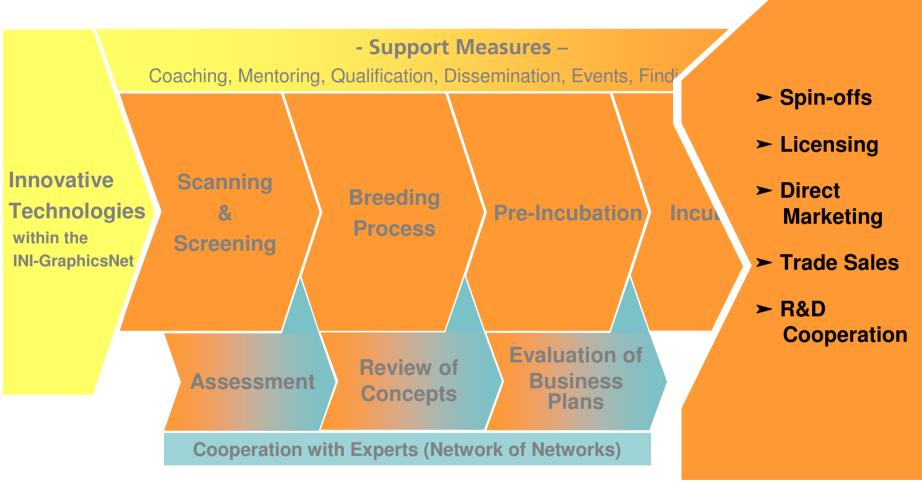




INI-GraphicsNet









Discover the special. Technology Screening & Evaluation (Examples)

Example: Technology Evaluation in South Korea

- Technology Assessment of 40 Companies in Daedok Valley
- Qualification for preparing Business Plans
- Contact matching with interested partners in Europe





Example: Omaha, USA

- Assessment of a Business Plan for a Medical Training Laboratory
- Assessment of
 Medical Imaging Technologies





Example: Mecklenburg-Vorpommern, Germany

"Gründer Flair" (Founders Support Program)

- Building up an innovation process within the state universities
- Screening and Coaching of researchers in MV
- Concept for a state-run "Best Idea Award" (for universities and research institutes) and member of the jury





Example: Universities of Porto & Minho, Portugal

- Benchmarking successful innovation systems in research institutions
- Development of a customized concept for an innovation system at the University of Porto (accepted by all 14 faculties)
- Support of Scanning and Screening Activities at UPIN
- Similar activities ongoing at the University of Minho





Example: Galileo-Center for ESA/ESOC

- Feasibility Study for the establishment of a Galileo Space-Incubator in the State of Hesse, Germany
- Concept for the **management** of such a Space-Incubator



 Support activities to match available technologies in the R&D system with the demand in the future Galileo market



YOU DON'T HAVE TO BE BIG TO DELIVER POWEBFUL PERFORMANCE.

Identification of IPR's with Great Commercial Potential (Examples)

JUST DEDICATED TO THE TASK.

IPRs currently in the Exploitation Process – Some Examples

AvaSynch



Lip Synchronization to Animate Virtual Characters

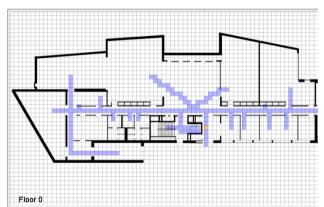
The speakers voice is analyzed to simultaneously synthesize facial & lip movements of an animated virtual character.

VicomTech, Spain

AvaSynch

imedea, RI, USA

Visitor Guidance System



Easy to edit and intuitive to use way finding and navigation system for buildings, structures and sites.

AR Telescope XC-01

Fraunhofer-IGD, Germany

Telescope superposing a real sight by virtual objects. Visualizes real time localized information in application areas like archeology, architecture, construction, etc.





Examples from the INI-GraphicsNet

For many, performance means taking risks.

We say it depends primarily on the partner you choose.

Successful Spin-Offs (SME's) (Examples)

MediaSec Technologies

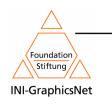




Watermarking Encryption Electronic Signatures

Securing and authenticating digital images and printed documents

- MediaSec LLC, USA, founded in 1996 and received exclusive licenses for watermarking technology from Fraunhofer in 1997;
- MediaSec GmbH, Germany, founded in 1999;
- MediaSec sold to Thomson in 2005.



CyberMDx



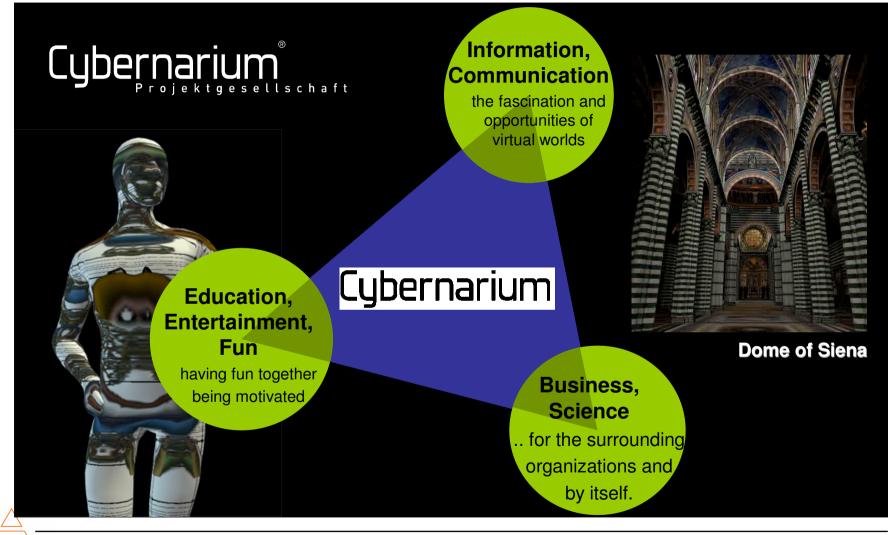


Telehealth Systems

- Providing diagnostic services for patients in remote or medically under served areas;
- Developed in cooperation with NASA;
- Field-tested on the Space Shuttle, and in Bosnia respectively.



Cybernarium

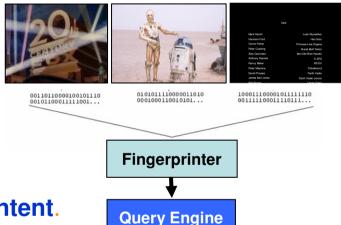


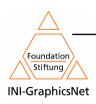




Video Content Detection and Recognition

- iPharro iPharro has recieved \$5.1 million in funding from Triangle Ventures.
- Core technology **identifies video content** more quickly than possible with the human eye.
- iPharro will revolutionize the world of Digital Asset Management :
 - Will enable user-generated content sites and P2P video sharing networks to automatically ensure authorization of content.
 - Will enable studios, producers and others to monitor and protect their most valuable asset: content.
 - Will fully automate digital rights management procedures for television networks.







- Global Cooperation in R&D opens opportunities for Economy of Scale and shortens Time to Result and Time to Market.
- INI-GraphicsNet Foundation builds a Bridge and closes the Technology Transfer Gap.



- Developing Potentials and Opportunities for existing SME's and for incubating new SME's.
- Innovation Management and Technology Exploitation have to be implemented in parallel and complementary to the R&D Strategy of ongoing projects.



- The INI-GraphicsNet Foundation offers a structured and integrated
 R&D Exploitation Process.
- Successful examples in Technology Screening, identification of IPRs with Great Commercial Potential, and Starting of Spin-offs proof the Need for the INI-GraphicsNet and its Foundation.



