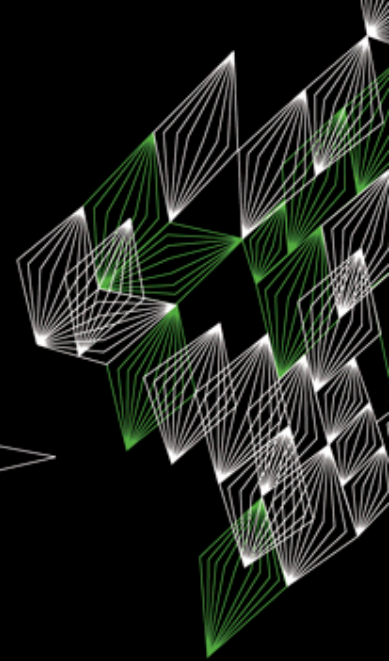# Micro-onderzoek Electrotechniek

Huub J.M. Ruel Phd.

Content of today's session

- Micro-onderzoek tips bespreken:

- Doel: hoe kan het micro-onderzoek zo effectief mogelijk uitgevoerd worden?

Research questions

The overall research question of the study project is:

How did and could technology evolve in Malaysia, Singapore, Vietnam and South Korea?

For the micro analysis this results in the following micro-research question:

What are the drivers and barriers for technological development this company (department) or research institute encounters and how does this company (department) or research institute deals/responds to these drivers and barriers?

For the micro researches this question is divided into three sub questions:

What are the core technologies of the company (department) or research institute?
How can these technologies further develop itself in this company (department) or research institute?
What are drivers and barriers for technological developments in Malaysia, Singapore, Vietnam and South Korea and how do companies in these countries deal with/respond to these drivers and barriers?

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Kernvariabelen

Technology: definitie?

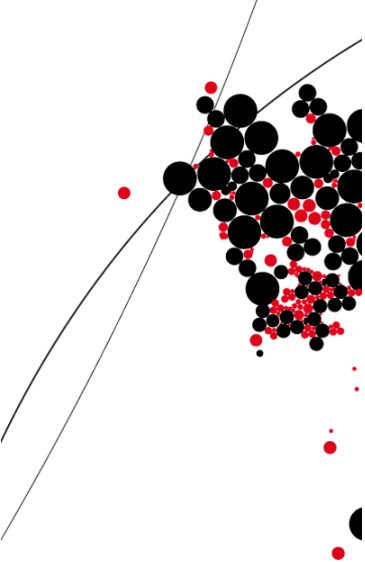Technological development/evolution?: definitie?

Drivers: definitie?

Barriers: definitie?

Interview protocol/list of optional interview questions (1)

1 What type of technology does the company develop?

- How is it developed?

- Application areas?

- Steps?

- Process?

-Techniques?

- Procedures?

- Role of in-house R&D

- Collaboration in strategic collaborations/alliances?

2. What are the company's strategic views/choices on the development of this technology for the near future (coming 5 years)?

- How does the company think about the near future of their core technology?

- What are the choices the company is facing regarding near future development of the technology?

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- **3. How do factors such as government/economy/culture-society affect the company's plans/strategy for developing their technology?**

- How do governmental regulations affect the company's plans/strategy for developing their technology

- How does the country's economy affect the company's ….?

- How does the country's society affect the company's…?

[*Do these factors support (drivers) or inhibit (barriers)]*

- **4. How does the company responds to /deal with the influence of these factors?**

- How does the company respond to/deal with influences from the government (regarding its technological developments/R&D)?

- How does the company respond to/deal with influences from the country's economy(ical development) (regarding its technological developments/R&D)?

- How does the company respond to/deal with the influences from the society/societal developments (regarding its technological development/R&D)?

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Tips voor de interview-organisatie ter plekke

Tips:

-Maak 4 groepen en laat iedere groep de verantwoordelijkheid nemen voor een van de (set) vragen tijdens een bedrijfsbezoek (zo verdeel je de last van het vragenstellen/informatieverzamelen)

- Laat ook een ieder aantekeningen maken en lever die later in bij de persoon die het verslag van het bedrijfsbezoek moet maken (zo ontstaat er een rijkere 'dataset' om te gebruiken voor het schrijven van het verslag van een bedrijfsbezoek)

- Vraag ook schriftelijke informatie (indien niet al aangeboden), vraag om de mogelijkheid later nog 's contact op te nemen voor aanvullende informatie.
- Probeer ook letterlijk mee te nemen wat er geantwoord wordt op vragen (indien mogelijk) – levert de kans op om mooie citaten in het bedrijfsbezoekverslag op te nemen