High tech career in the Netherlands

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But also high tech
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- Philips
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Moore’s Law

Moore’s Law – The number of transistors on integrated circuit chips (1971-2016)

Moore’s Law describes the empirical regularity that the number of transistors on integrated circuits doubles approximately every two years. This advancement is important as other aspects of technological progress – such as processing speed or the price of electronic products – are strongly linked to Moore’s law.

The data visualization is available at OurWorldInData.org. There you find more visualizations and research on this topic.
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Problem in the high tech sector

In the next five years, Dutch industry cannot find in the Netherlands ...

10,000 people who finished bachelor, master or PhD in engineering or science

Looking for PhD-students and post-docs
Number of positions on EURAXESS
PhD Difference Korea - Netherlands

• In NL, PhD is more about research than about studying

• In NL, no tuition fee for PhD

• In NL, you get a monthly salary as PhD-candidate.
The Netherlands is looking for people like you
Some numbers in R&D

- Only 2% of GDP goes to R&D, about half comes from private sector
However, NL is performing quite well

- 13 universities in top 200
- 3\textsuperscript{rd} Global Innovation index (2017)
- 9\textsuperscript{th} patent filer
- 5\textsuperscript{th} number of scientific papers per capita
- 3\textsuperscript{rd} in scientific publications among top 10\% most cited
- Number of dissertations doubled since 2000
Why the Netherlands

• 80% speaks English, no need to learn Dutch
• Good work-life balance
• Gender equality
• Multi cultural
• Less hierarchy
• Less after-school education for kids
• ...

Permit process made shorter for “knowledge workers”

1. Get a PhD-position (or other high tech position)

2. Get a resident permit (for highly skilled migrant for non-EU residence)
Some links:

EURAXESS:
https://euraxess.ec.europa.eu/jobs/search/country/netherlands-1109

Technical Universities:
www.tudelft.nl/en/about-tu-delft/working-at-tu-delft/search-jobs/
www.wur.nl/en/Jobs/Vacancies.htm
Resident permit for *highly skilled migrants* from non-EU countries

1. Employee should be recognized sponsor:


All Dutch universities are on the list
2. Income check

Details: [https://ind.nl/en/required-amounts-income_requirement.aspx#Application_residence_permit_researcher, guest_lecturer_or_physician_in_training](https://ind.nl/en/required-amounts-income_requirement.aspx#Application_residence_permit_researcher, guest_lecturer_or_physician_in_training)

PhD salary ranging from €2,325 (1st year) to €2,972 (4th year)
3. **Online application**

Your employer can also submit this application online. He can do this in the Business Portal.
Detailed info:

https://ind.nl/en/work/Pages/Highly-skilled-migrant.aspx
General tips for landing a job

• Make a LinkedIn profile and connect
• Become international
• Study English (instead of Dutch)
• No recruitment season; apply any time
• Send open application
• Stand out
Good luck

Thank you

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