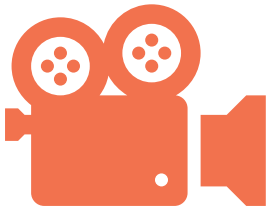
This meeting starts at 8:30NL/15:30JP

For Attendees:

- Please check that **your microphone is muted and your camera is off** (default)
- Please use the **Chat** function to ask questions
- Please **log in from your laptop**
- We will conduct a Mentimeter Poll, so please have a **smartphone standby**
- This Session **will be recorded**
- If you run into trouble during the meeting, please contact mariko@hollandinnovation.jp

For Presenters:

- Please **mute** if you do not speak, but **keep on your camera**
- Embassy will **share and operate the slides**



Netherlands

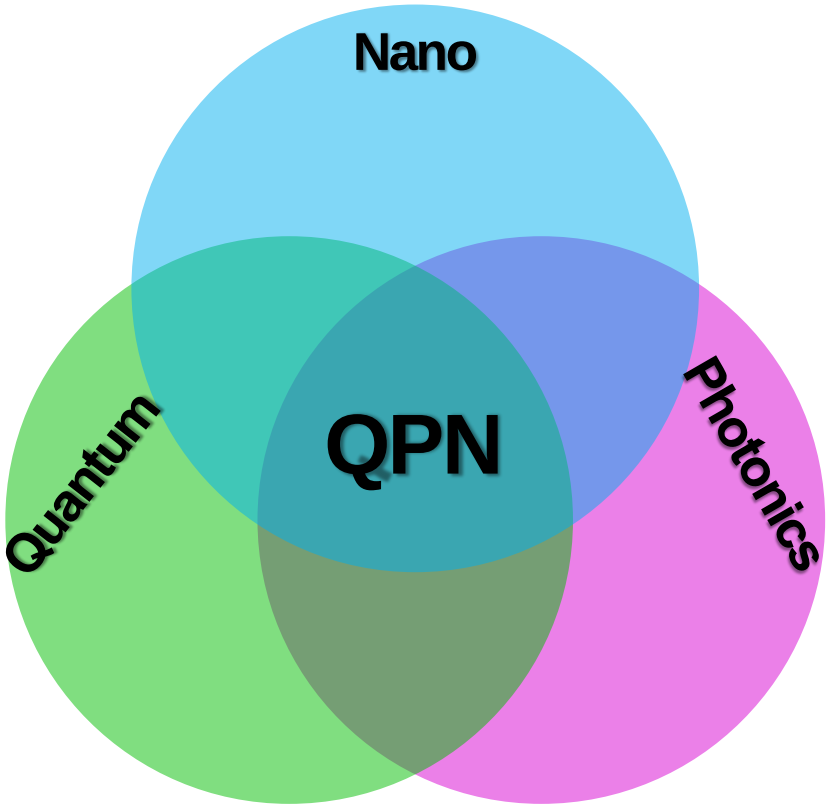
Government of the Netherlands

Netherlands

Strengthening Netherlands-Japan relations

Entangling Strategies

teamnl tokyo expo



Joint NL-JP Launch Event

Quantum-Photonics-Nanotechnology

8 July 2021
8:30-10:30 NL / 15:30-17:30 JP

Moderators

Mrs. Freeke Heijman, Founding Director, Quantum Delta NL
Prof. Wilfred van der Wiel, University of Twente

Netherlands

Today's Agenda

NL time / JP time

08:30 / 15:30	Welcome, Mentimeter Poll 1
08:35 / 15:35	Joint Goals and Planning
08:45 / 15:45	Part I: Government Presentations by NL (EZK) and JP (MEXT)
08:55 / 15:55	Part II: NL Presentations - NL : Quantum Delta NL, PhotonDelta, DOC, PIB-Nano
09:25 / 16:25	Part III: JP Presentations - JP : IOWN/NTT, RIKEN, Mitsubishi Electric, Keio University
09:55 / 16:55	Part IV: Mentimeter Poll 2, Discussion and looking ahead
10:25 / 17:25	Concluding remarks
10:30 / 17:30	End

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Government of the Netherlands

Mentimeter poll 1

www.menti.com

Netherlands

Joint Goals and Planning

Eric van Kooij
Counsellor for Innovation, Science & Technology
Embassy of the Kingdom of the Netherlands

Netherlands

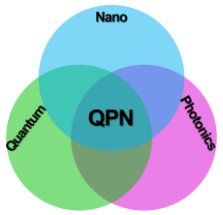

teamnl
tokyo expo
STEP INTO THE WORLD OF
RANGAKU
NOW
TEAM UP FOR TOMORROW
POWERED BY
papendal
hotel • sport • congres
NOC*NSF
NL
Netherlands

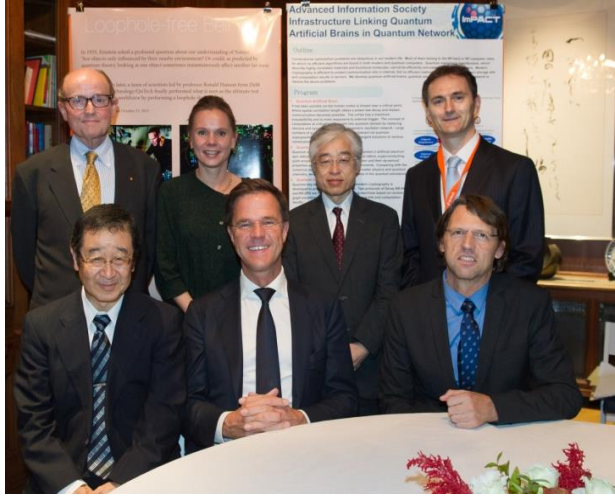

POWERED BY
papendal
NL Netherlands
CLICK AND DRAG TO MOVE THE MAP

Joint Goals

- JP and NL are strong in the fields of quantum technology, photonics and nanotechnology (QPN): materials, computing, security, networks, sensors, semicon, optics etc.
- Separate developments are ongoing towards JP-NL collaboration.

Proposition: an integrated and mutual approach will lead to even better and stronger collaborations in all three fields.





Examples of QPN activities including Embassy:

- 2015 Visit QuTech to Japan, together with Prime Minister
- 2018-2021 NL Public-Private Program (PIB) Nanotechnology towards JP
- 2019 JP-NL Quantum Conference in Delft
- 2019 NL participate in US-JP-EU Quantum Conference in Kyoto
- 2020 MoU Universities of Twente and Tokyo on Nanotechnology
- 2020 Dutch Optics Centers joins evaluation team QST Strategic Photonics Plan
- 2021 Visit Vice Minister Mona Keijzer on Digitalization
- Etc.

Planning

☑ 13 April: **Kickoff Round Table NL organizations**
- Participants: Quantum Delta NL, PhotonDelta, DOC, PIB Nano
- Result: agreed on joint NL proposal for May 6 on strategy and action plan

☑ 26 April: **Kickoff Round Table JP organizations**
- Participants: RIKEN, NTT, Mitsubishi Electric, (Keio)
- Result: introduction and prepared for bilateral meeting May 6

☑ 6 May: **Joint Kickoff Round Table NL + JP organizations**
- Participants: NTT, RIKEN, Mitsubishi Electric, Keio, Quantum Delta NL, PhotonDelta, DOC, PIB Nano
- Result: agreed on joint NL-JP Goals and Action Plan with Launch Event and Innovation Missions

Today ☐ 8 July: **Joint NL-JP Launch Event**
- Participants: QPN professionals from NL and JP government, industry and knowledge institutes
- Purpose: Spread Joint Strategy and Action Plan; introduce activities; create interest

☐ Q3-Q4: **Follow up activities**
- Purpose: identify areas and means for collaboration
- Example activities: programs, (digital) visits to governments/companies/institutes, workshops, etc.

☐ End 2021: joint NL-JP **evaluation** on potential for collaboration and agreement on next steps

Netherlands

PART I
Government Presentations

Netherlands

Ministry of Economic Affairs and Climate Policy

Michiel Sweers
Deputy Director General for Enterprise & Innovation

Netherlands

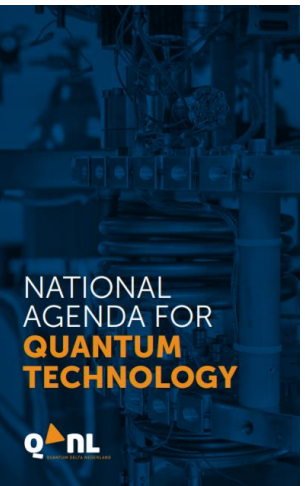
Mission driven innovation policy and key enabling technologies

Link to Video

Factsheet Dutch Solutions to Global Challenges

- **NL scores high on global rankings:**
  WEF Competitive Index (ranked 4th), OECD Labour productivity (9th), Global Innovation Index (5th), Ghemawat Connectedness Index (1st), Science Impact Score (3rd)
- **Address Global Societal Challenges with 25 Missions in 4 fields:**
  - 1. Energy Transition and Sustainability
  - 2. Agriculture, Water and Food
  - 3. Health and Care
  - 4. Security
- **Aided by the key enabling technologies of: Photonics, Nano Technology, Quantum Technology and High Tech.**

NL Ecosystem on QPN



Nano

Nano LabNL

Nationaal Groeifonds

Netherlands Enterprise Agency

NXP

ASML

Photonics

NANO4SOCIETY
ECOSYSTEM FOR NANOTECHNOLOGY

Quantum

BLUE FORS

TNO

NL AI Coalition

PHILIPS

intel

Quantum Delta
the Netherlands

4TU.

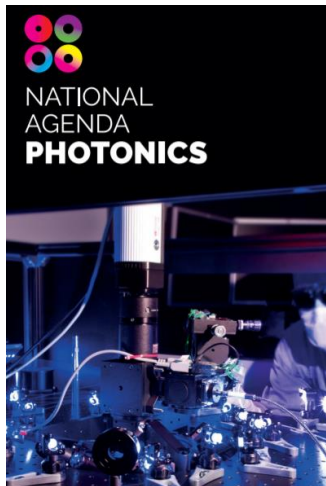
Dutch Optics Centre

FUJITSU

Microsoft

kpn

PhotonDelta
Gateway to Integrated Photonics



Let’s build bridges

- Between scientific areas
- Between governments
- Between industries
- Between academia
- Between all of the above

Netherlands

Ministry of Education, Culture, Sports, Science and Technology (MEXT)

Mr. Naoki Himiya
Deputy Director General
Science and Technology Policy Bureau

Netherlands