



Quantum Delta
the Netherlands

Information Session

20 May 2021

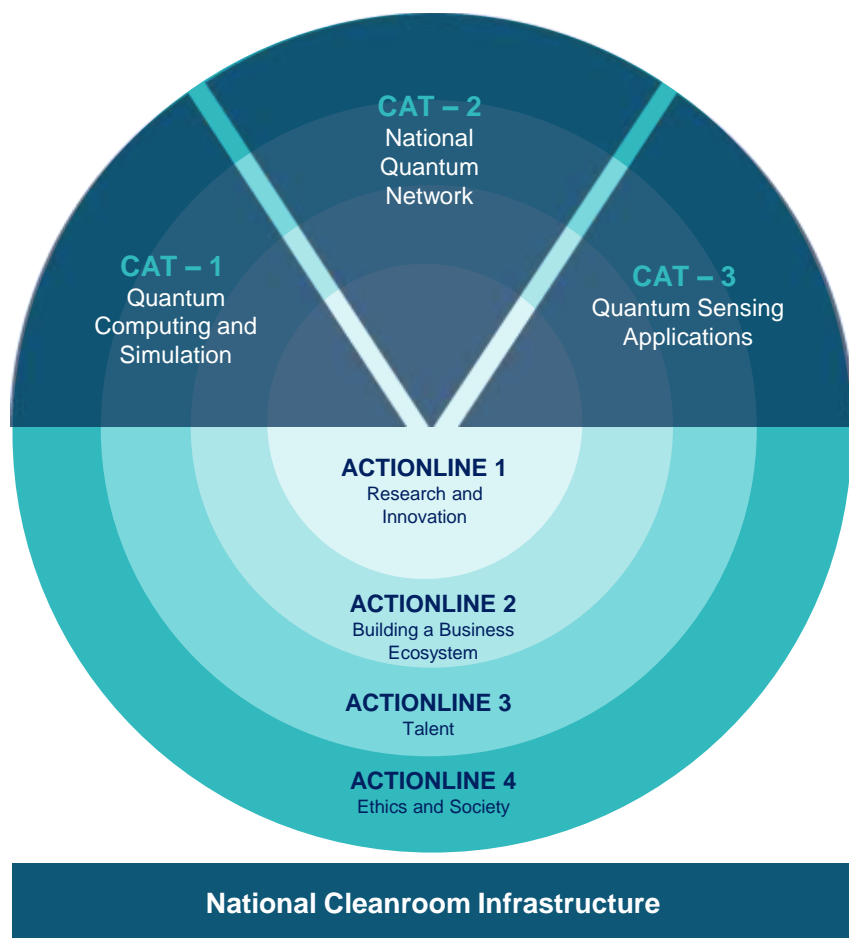


Plenary part

- 1 Introduction
- 2 Proposal and funding conditions
- 3 Governance and points of contact
- 4 Process coming months
- 5 Move to break out sessions



Goals and structure of the program



https://quantumdelta.nl/pdf/QDNL_final_1feb.pdf

	2020	2027	2035
Talent			
# Top scientists	10	25	40
# Quantum graduates per year	500	2,500	5,000
# PhDs and engineers	300	2,000	3,000
R&D			
Scientific impact (position)	3	2	1
# Patents per year	10	50	100
# Results 'the first'	3	5	10
Entrepreneurship			
# Startups	7	100	175 (including 3 unicorns)
# Corporate labs in NL	1	3	5
# European companies involved	25	125	250 (including 200 SME)
# Direct jobs	600	8,000	15,000



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**Proposal and funding
conditions**

Funding conditions

100% grant for proposal submitted, with tighter division in time (year 1, year 3, year 7):

Advice committee € 615 min		
Awarded	Conditionally awarded	Reserved
€54 min	€ 228 min	€ 333 min

Conditions for phase 2:

- Update the phasing and KPIs and show sufficient progress.
- After phase 2, a mid-term review with input from international experts
- Work out the governance in more detail, ensure top-down leadership
- Elaborate on elements from the plan (a.o. EU connections, call criteria, IP)

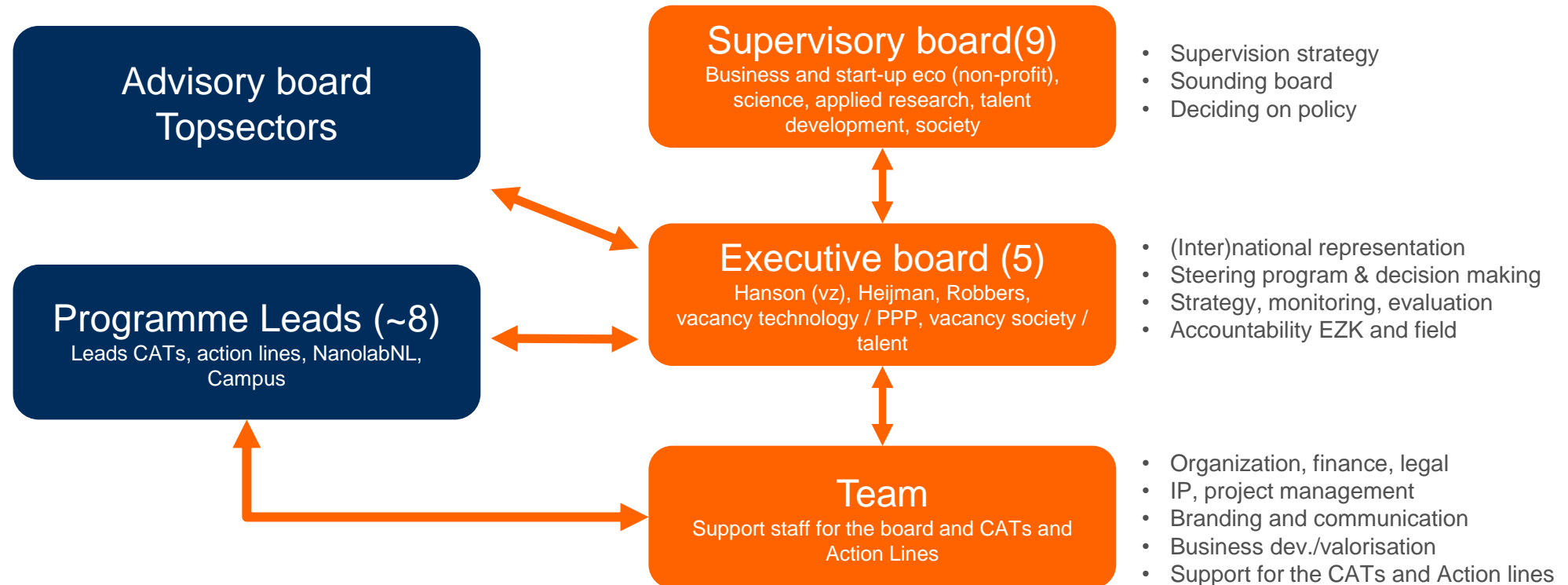
NWO and Nanolab funding directly, the rest via Quantum Delta NL





Governance and points of contact

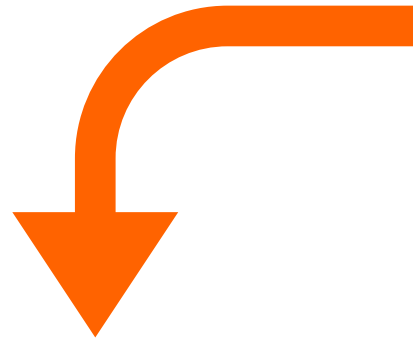
Stichting QDNL







Transition governance

Supervisory board

 Carlo Beenakker	 Nils Beers	Chairman from Industry	 Servaas Kokkelmans	Boardmembers from science, industry/ SME, government, society, education, legal/finance, startup ecosystem
 Rogier Verberk	 Job Nijs	 Ronny van 't Oever	 Guus Rijnders	

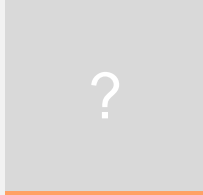




Dagelijks Bestuur

 Ronald Hanson Chairman of the board / Science & Technology	 Freeke Heijman Ecosystem development/ government	 Jesse Robbers ICT networks/ Industry/ EU		
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Legal / finance / PPP, talent / society

Programme Leads from CATs, AL and NanolabNL

	 Servaas Kokkelmans	 Guus Rijnders	
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Leads and contact points

- CAT-1 : Lieven Vandersypen (program coordinator Peter Verhoef)
- CAT-2 : Jesse Robbers (in exec board) (program coordinator Ingrid Romijn)
- CAT-3 : Florian Schreck (program coordinator Hugo Gelevert)
- AL-1 : Servaas Kokkelmans (NWO coordinator Wieteke de Boer)
- AL-2 : Freeke Heijman (in exec board) (LightSpeed: Ton van 't Noordende, SME: Raoul Oostenbrink)
- AL-3 : Frank van der Zwan
- AL-4 : Victor Land (back up Julia Cramer/Ionica Smeets)
- NanolabNL: Guus Rijnders (program coordinator Frank Dirne)
- Separate initiatives in AL-2, such as Vector Institute and House of Quantum may have their own leads



Team

- International Strategy and Strategic Partnerships: Ulrich Mans
- Program coordinator CAT 3 and : Hugo Gelevert
- Management Assistant (Freeke Heijman and general Executive Board): Jenny Boks
- Financial controlling: Erwin Buitelaar
- Communications & Community, Nationale Quantum Cursus: Irene Rompa
- Intern science communication: Jesse van Welzenes





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**Process
the coming months**

Starting points

- The submitted proposal should be executed -> year 1-3 are “implementation”
- Based on the mid-term evaluation a new plan for phase 3 (€ 333 million) will be submitted
- CATs are goal oriented and concrete, Action Lines are more open (Calls, FieldLabs etc)
- Primary leads with the “trekkers”
- Culture important: open communication aimed at cooperation



Budget status

- Awaiting guidelines on tariffs and closure Start Impuls
- Management budget (team, org, international, legal etc) to be subtracted from program lines ~3-5%



Process coming months

To do:

- QDNL-EZK preparation of phase 1-2 funding decision and closing Starting Impuls
- Scaling of governance and team
- Detailing of budgets, calls and procedures phase 1-2 => “bestedingsplan”

Indicative timeline:

- May-September: Board meetings with each CAT / AL about action plan and phasing
- June: guidelines for tariffs and conditions such as co-funding, format of “bestedingsplannen”
- August: bestedingsplannen for phase1-2 ready
- September: In-person QDNL international conference
- October: Ministry funding decision phase 1
- Q2 2022: submission of progress report and conditions fulfilled for phase 2



**Proud member of
the Netherlands' thriving
quantum community**



It is a great adventure to be part of the Quantum journey in NL. We are trying new things, in science but also in the way we grow the ecosystem. With new ways to support startups, the development of a House of Quantum and a diverse team of excellent people from all ages, expertises and backgrounds.

Let's scale up Quantum!

**Thanks for
your attention!**

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Move to break out sessions



You're invited to
select your own
breakout session





Breakout Rooms - In Progress

▼ CAT 1 Quantum Computing & Simulation	0
▼ CAT 2 National Quantum Network	0
▼ CAT 3 Quantum Sensing Applications	0
▼ AL 1 Research and Innovation	0
> AL 2 Building a Business Ecosystem	0
▼ AL 3 Talent	0
▼ AL 4 Ethics and Society	0
▼ National Cleanroom Infrastructure	0

Broadcast Message to All Close All Rooms

Click 'join'

Some will have to hover over the number which shows the number of participants, and click 'join'





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