Work, Learn & Innovate

Space for the Hague jobs of the future

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feb-2025

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What is WLI? — Core elements

Why WLI? — Relevance

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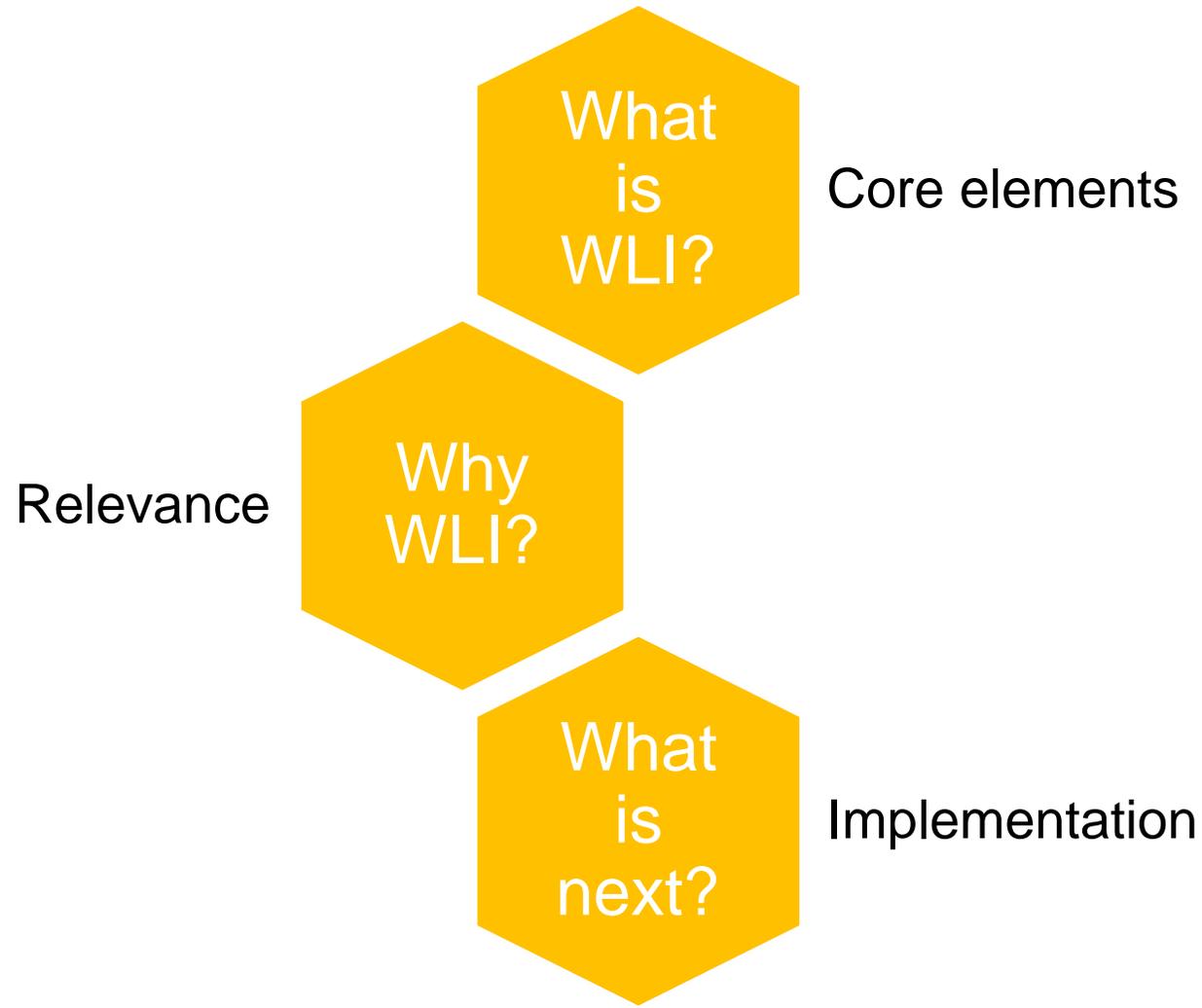
WLI: The Hague's perspective

IMPACT

Solutions for energy, climate, food, water, circularity, humanity

LEGAL & POLICY

Ethics, GovTech, LegalTech, intellectual property, arbitrage

SECURITY

Digital security, Cybersecurity, Forensics, Intelligence

Den Haag

Economische visie Den Haag+ 2030

Brede economische bloei in een stad zonder grenzen

Kadernota economisch beleid

Den Haag

Werken, Leren en Innoveren

Ruimte voor de Haagse banen van de toekomst

From **economic policy** to **urban innovation policy**

Core elements The Hague's perspective

work	learn	innovate
cluster	collaborate	profile
program	space	organise

Why is this perspective important?

renewal of the economy

improved access to the labor market

strengthen links between education and business

**Driving value-added area development in The Hague and the region.**

Where do the opportunities lie?
The Hague's knowledge & innovation ecosystem
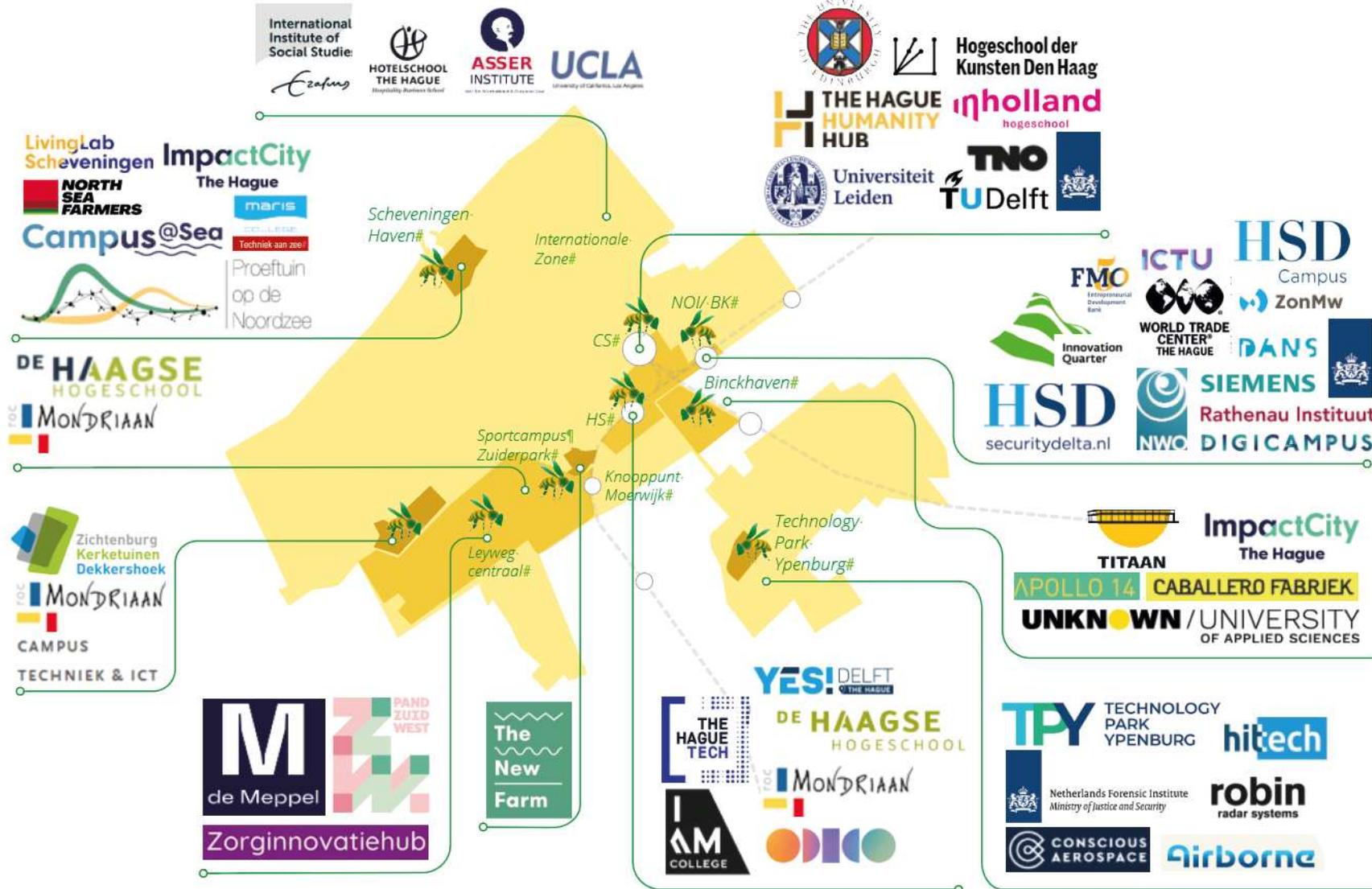
- >30% Hague jobs in all sectors
- Knowledge city of 48,500 students (mbo/hbo/wo)
- 12 innovatiehubs/ fieldlabs
- Specialisation in 3 profiles:
  - Law & Policy
  - Security
  - ImpactCity
- Broadening promising sectors :
  - Healthcare
  - Manufacturing
  - Construction
- Regional network
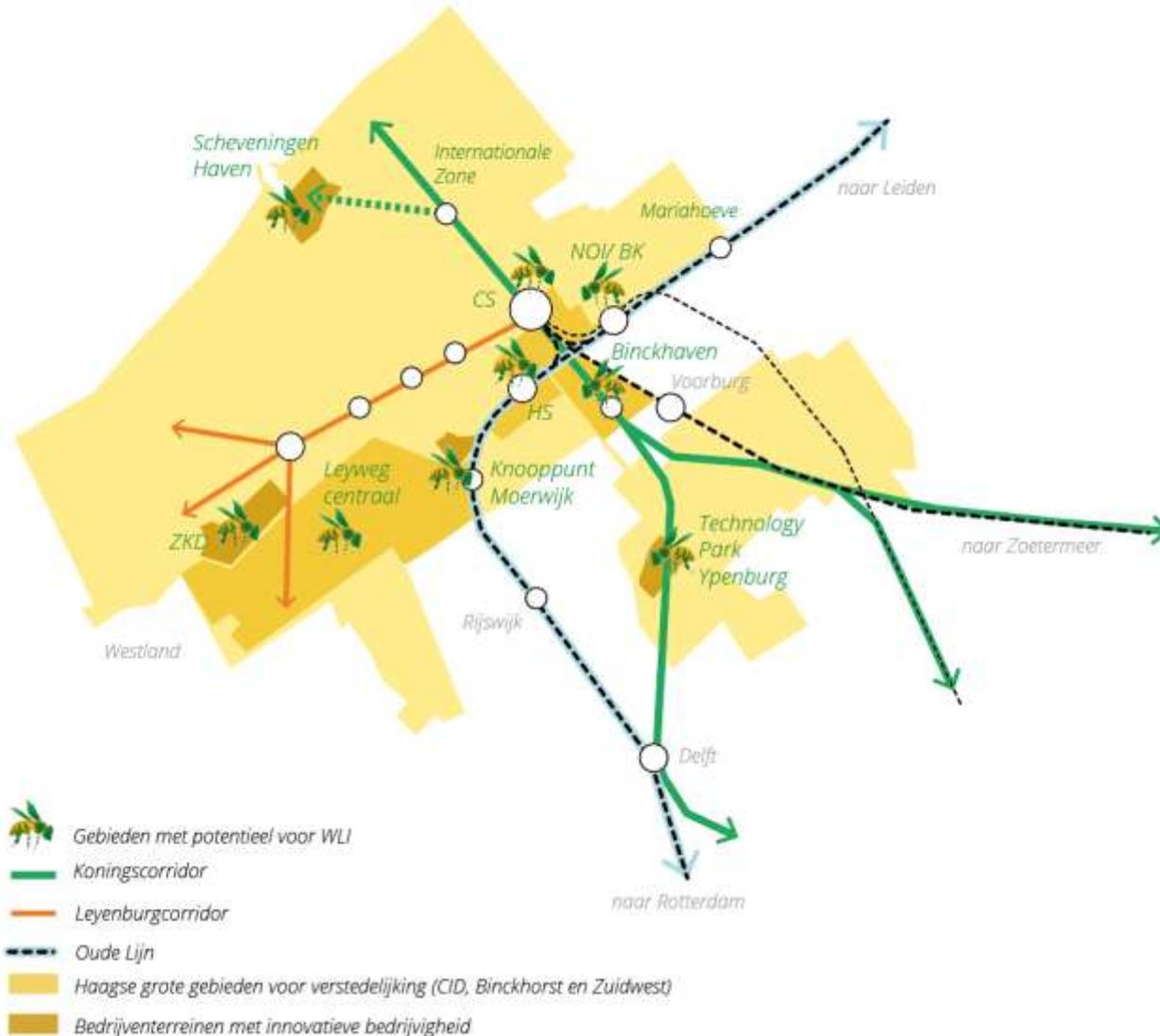
From single spots and initiatives to a coherent **city-wide network with strong regional links and impact**:

- with the areas as hubs;
- in good connection with the local economy;
- with joint programming;
- connected along mobility corridors.

Not new, but better

IMPACT

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What's next?
Integral action plan

"A comprehensive and visible network with learning capacity for the region"

🐝 *Leading group / frontrunners*

🐝 *Strategic coordinator*

🐝 *City-wide programming*

🐝 *Communication plan*

METROPOOLREGIO ROTTERDAM DEN HAAG

Den Haag

program
1. City-wide networking program
2. Citywide start-up program
3. Knowledge city development
4. Training talent and entrepreneurship

space
5. Network of innovation hubs
6. More space for businesses
7. Space for WLI in the areas
8. Quality of space and meeting function

organise
9. Leading group + coordinator WLI
10. Stimulating campus alliances
11. Acquiring key parties
12. Promoting The Hague areas

Where to start?
Central Innovation District

*The partners in the CID translate meaningful innovation into societal impact, for a **fairer, better and safer world.***

Work
Companies & startups

Learn
Knowledge institutions

Innovate
Research programs / PPP

TNO Vector
Centre for Societal Innovation and Strategy

TNO Vector offers action perspectives to public and private parties for the major societal developments and challenges of our time. TNO does this from broad and in-depth knowledge and in connection with the complex stakeholder field. This is how TNO gives direction to the society of the day after tomorrow.

https://vector.tno.nl/

frontoffice@plnt.nl

TNO Vector
Centre for Societal Innovation and Strategy

Adaptive Governance

Impactgebieden

**Orchestrating Innovation**

Systeemanalyse

PLNT The Hague

PLNT The Hague is the new entrepreneurial hub of the Hague ecosystem. To encourage innovation and entrepreneurship, PLNT The Hague organises events, workshops and programmes for students interested in entrepreneurship. We offer two different programmes for students: Startup Play and the Venture Academy. Students from Campus The Hague - Leiden University can participate for free to pursue their dreams of starting their own business.

https://plnt.nl/en/thehague/

frontoffice@plnt.nl

Onderwijs partners

Business partners

Programma

Services

Community

Werkplek

Sustainability
Apollo14   De Titaan
The New Farm   Campus@Sea
Technology Park Ypenburg

Health
Health Innovation Hub
Scriptiewerkplaats
Pand Zuid-West

Gov(Tech)
The Hague Tech
WoldStartup
YES!Delft GovTech

(Cyber)Security
The Hague Security Delta
The Hague Humanity Hub
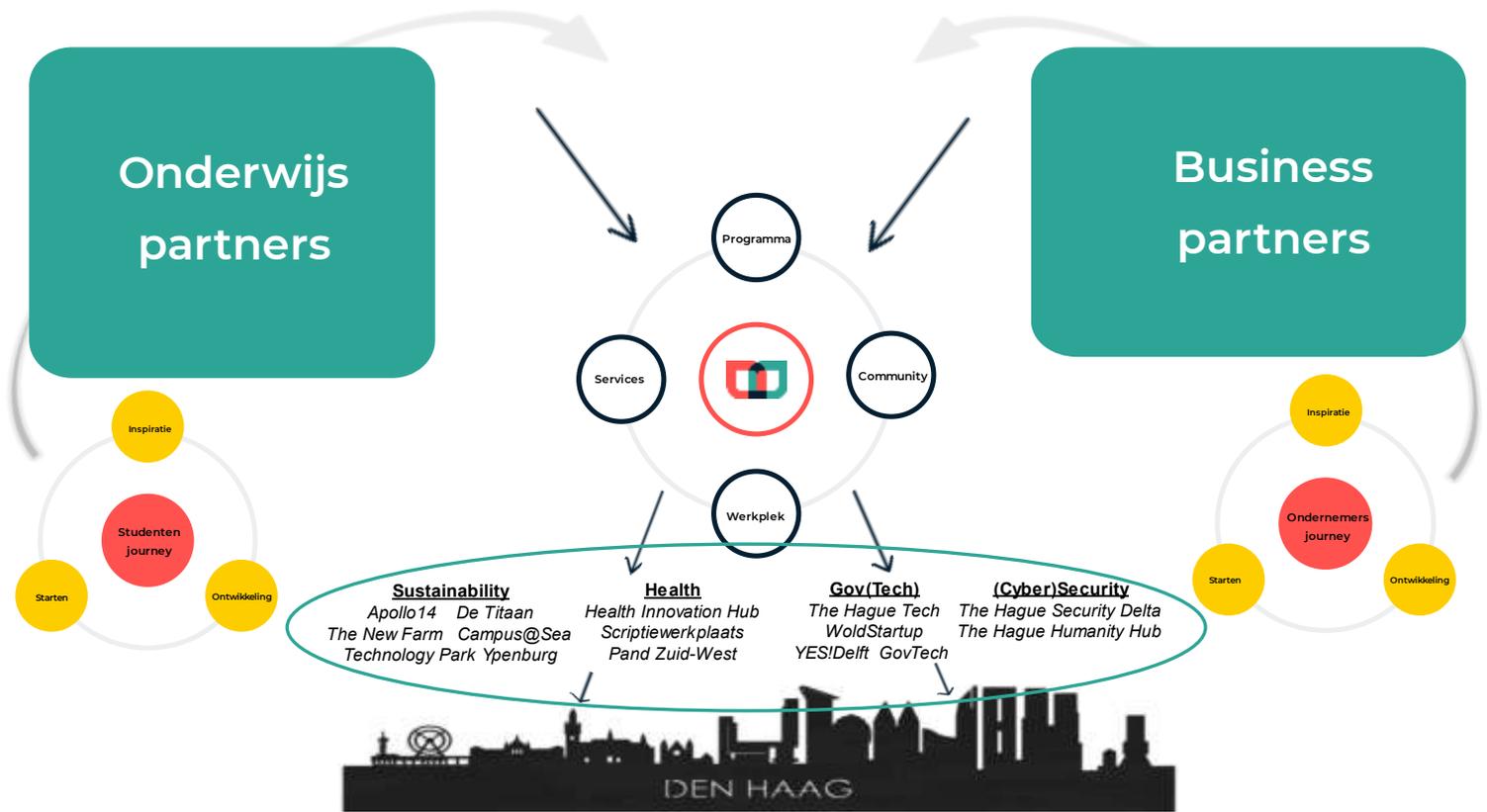
Focus: Stedelijke – en maatschappelijke vraagstukken zoals veiligheid, gezondheid, klimaat, mobiliteit en circulaire economie.

The Hague Centre for Digital Governance

The rise of the digital age is affecting public administration in many ways. Digitisation and data affect every aspect of public administration and policy. Within Leiden University's Institute of Public Administration, based in The Hague - the administrative capital of the Netherlands - our centre seeks to understand how digitisation is challenging public administration, what public organisations are doing with new technologies and data, and how this is creating or damaging public value.

Our centre also includes the Center for Public Value & Ethics, which deals with ethical and public value dimensions of digital governance and AI, in addition to having a broader agenda.

https://www.universiteitleiden.nl/governance-and-global-affairs/instituut-bestuurskunde/the-hague-centre-for-digital-governance

a.j.klievink@fgga.leidenuniv.nl

Universiteit Leiden

Leiden-Delft-Erasmus Universities

Academic collaborations the centre is part of

- LDE AI Convergence
- Leiden SAILS Programme
- Data Science Programme
- LDE BOLD Cities
- NIG

National Cyber Security (AIVD, with TU Delft)| runs: 2019-2023

Governing crowd-based initiatives | runs: 2017-2021 | NWO MVI (Responsible Innovation scheme)

Big Data in Policy Making | runs: 2017-2021 | LDE EuroCEFG

Breaking the Cycle | runs: 2020-2024 | LDE BOLD Cities

Book project: Handbook of Governance and Data Science | runs: 2022-2023

TU Delft | Campus The Hague

Important societal transitions in the fields of climate, energy, digitalisation and security depend heavily on technological developments, but technological knowledge and engineers are often (too) far removed from actual decision-making. As TU Delft | Campus The Hague, we aim to close this gap and better involve our state-of-the-art technological knowledge in political deliberations, policy-making and implementation, so-called 'engineering for policy'.

Our Hague campus acts as a hub for knowledge exchange, in which we proactively seek cooperation with local, national and international public partners and organisations. Together with our partners, we strive for better-informed decision-making and a more sustainable, safe and resilient society with a focus on our themes: Climate & Energy, Digitalisation and Safety & Security.

https://www.tudelft.nl/campusdenhaag

thehague@tudelft.nl

The Hague Humanity Hub

The Hague Humanity Hub supports and strengthens the ecosystem for a more peaceful and just world. We facilitate connections and innovation by providing the necessary ingredients for chance meetings, new alliances, inspiring collaborations and the exchange of knowledge.

We strive to enable effective action through community, programmes and The Hague Humanity Hub campus.The Hague Humanity Hub is a non-profit foundation that supports and strengthens the ecosystem for a more peaceful and just world. We facilitate connections and innovation by providing the necessary ingredients for chance encounters, new alliances, inspiring collaborations and the exchange of knowledge.

https://www.humanityhub.net/

hello@humanityhub.net

Bringing the Peace & Justice Community Together

De Plint

Central government's task house

De Plint is a physical in-between space to innovate, collaborate and experiment with complex tasks. It is a working environment with an open-door policy, a place where it is easy to meet, without gates, access passes and hassle.

Everyone is welcome and the door is literally always open. For government colleagues, colleagues from co-governments, businesses and civil society organisations. And also for local residents and passers-by who just drop in.

https://www.grenzeloossamenwerken.nl/de-plint

deplint@rijksoverheid.nl

FutureWorks The Hague

FutureWorks The Hague connects education and the external working field to work together on tomorrow's society. FutureWorks The Hague is part of Inholland The Hague and focuses on connecting students to the external working field. This benefits both the students and the participating organisations, companies and governments. There are numerous collaboration opportunities; from internships and graduation assignments to practical assignments, guest lectures and events. We focus on long-term collaborations and partnerships, but short-term assignments are also possible.

https://www.futureworksthehague.nl/

futureworksthehague@inholland.nl

Security Delta (HSD)

Security Delta (HSD) is the national security cluster. It brings together 300 parties, large and small; companies, government and knowledge institutions. "By connecting people, The Hague Security Delta aims to give everyone access to knowledge, know-how, subsidies, capital and the market," explains director Joris den Bruinen. Themes picked up include cybersecurity and resilience, AI and smart security. An example is Living Lab Scheveningen, where data from traffic movements are processed immediately, without storage of traceable personal data. With this, traffic control can be planned, diversions arranged, and information provided when traffic is busy. Sensors report when bins are full or if there are abnormally loud noises that could indicate a fight.

https://securitydelta.nl/nl/

info@securitydelta.nl

Cybersecurity & Cyberweerbaarheid

Data & AI/Intel

Slimme Veilige Steden
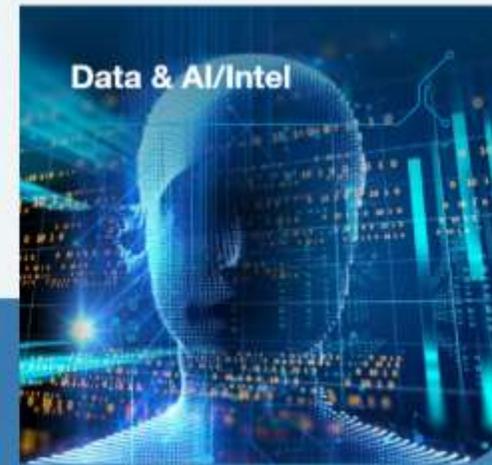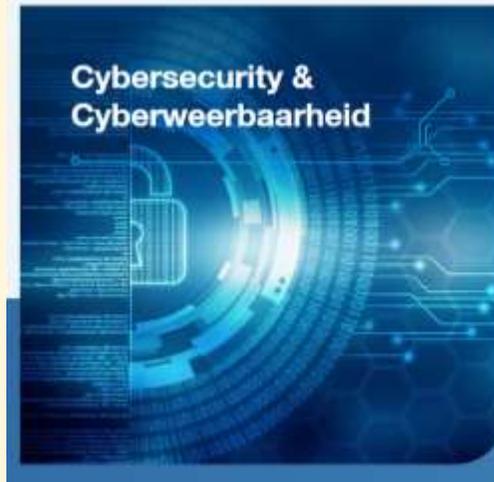
Kennis vergroten van Nederlandse organisaties over 'veiligheid in een digitaliserende wereld'

Krachtige samenwerkingen tot stand brengen die leiden tot valorisatie en **veiligheidsinnovaties.**

Organisaties helpen de nationale en internationale **markt** te betreden.

Financiering regelen voor veiligheidsoplossingen en kapitaal voor groei.

Helpen de mismatch tussen vraag en aanbod van security **talent** zichtbaar te maken en op te lossen.

HSD campus

The HSD Campus is the national innovation centre of the Dutch Security Cluster, with IT labs, education and training facilities, flexible office space and meeting rooms. At the HSD Campus - located in The Hague - companies, governments and knowledge institutions from across the country work together to share knowledge and develop products and services that contribute to a more secure world.

The HSD Campus is an inspiring place to meet companies, governments and knowledge institutions in the Dutch Security Cluster. It is also home to The Hague Security Delta Office, which provides access to capital, talent, innovation and the market in the field of cyber security.

https://hsdcampus.nl/

receptie@hsdcampus.com

Innovatie en samenwerking

❖ Hogeschool Leiden
  ➢ IOT Lab
  ➢ Onderzoek naar digitale sporen waarbij bedrijven, studenten en overheidsinstellingen samenkomen

❖ Nationale Politie/Gemeente DH
  ➢ SHIELD Lab
  ➢ Detecteren van dronevluchten, crowd management met open databronnen en het automatisch detecteren van vaarverkeer in de haven

Digicampus

Digicampus works on digital public services that meet society's needs. We do this by bringing together government, market, science and society around three societal missions. Digicampus aims to bring the innovative ideas and technological developments that exist to fruition faster and better by harnessing the innovation capacity of the Netherlands.

https://digicampus.tech/

info@digicampus.tech

The Hague Tech

Since 2017, The Hague Tech has been a place that fosters collaboration, innovation & co-creation. Our community is full of talented members working on new and exciting innovations, together we take on the challenge of creating a better world. Our international team brings together expertise in entrepreneurship and community-building.

https://www.thehaguetech.com/nl

info@thehaguetech.com

HPM HOLLAND PARK MEDIA

THE IMPACTERS

ImpactCity®

Female ventures

The Hague international centre

THE HAGUE TECH

Innovate. Faster. Better. Together!

"Empowering your start-up journey, we facilitate the perfect environment for making a positive impact together."

Hosting partner

Entrepreneurship
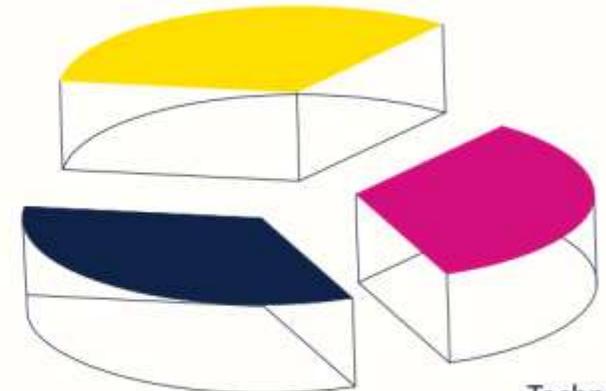
Technology

Changemakers

THE HAGUE TECH

Govtech NL
Centre for democratic entrepreneurship

"GovTech - or the co-creation of responsible socio-technical solutions for the public sector - is one of those things that can only succeed when public, private, academic and civil society actors work together. While policymakers are still debating public versus private roles and responsibilities, delivery of GovTech solutions is needed now. GovTech NL focuses on connecting actors for that delivery"

Nitesh Bharosa, professor of Govtech & Innovation TU Delft

With the largest concentration of governments and a growing tech community, The Hague is strongly positioned as the GovTech centre in the Netherlands.

https://govtechnl.nl/

contact@govtechnl.nl

GovTech NL is opgericht door The Hague Tech, WorldStartup, YES!Delft, Digicampus, PLNT Leiden, Danny Frietman & Rogier Klimbie en ondersteund door Gemeente Den Haag, Provincie Zuid-Holland, Centric, Antea Group, Alkemio, Councyl en anderen.

Dit collectief is ervaren in publieke innovatie, tech, impact en ondernemerschap

WorldStartup · THE HAGUE TECH · Den Haag · provincie Zuid-Holland · PLNT · YES!Delft · DIGICAMPUS · anteagroup · centric · THE IMPACTERS · COUNCYL · ALKEMIO

Yes!Delft
Den Haag

A vibrant and innovative ecosystem for tech startups local to The Hague, located inside the building of The Hague Tech, the largest tech community in The Hague.

The Hague branch is clearly positioned as a 'digital hub', supporting mainly startups operating in technologies such as AI and blockchain. Meanwhile, YES!Delft in The Hague has mentored 122 startups in validation labs (early phase, about 80) and acceleration labs (mature phase, about 40).

https://yesdelft.com/contact/locations/the-hague/

info@yesdelft.nl

YES!DELFT
Cyber Security Program

Boost your startup and accelerate innovation in Cyber Security

Den Haag | Innovation Quarter

PostNL
Innovatie Studio

PostNL has had a strong relationship with consumers for years. Every day we are at people's front doors. That existing relationship provides opportunities to improve and expand our services. For the latter, we are looking for customer-centric solutions to consumer problems. The Innovation Studio does this through Lean Startup and Design Thinking. Together with colleagues, companies and consumers, we validate new ideas that lead to new business models.

https://innovation.postnl.nl/

Onderwerpen waar wij ons mee bezighouden

Die aansluiten bij de thema's van gemeente Den Haag

AI

9 miljoen digitale accounts

Fysieke brieven versimpelen voor laaggeletterden dmv Briefhulp

Circulariteit

Volle busjes heen, lege terug

Liggen er kansen voor PostNL in de circulaire economie & kunnen we hiermee ook vervoersbewegingen verminderen?

Sociale cohesie

Elke dag in elke straat

We zijn elke dag in elke straat, zowel fysiek als digitaal. Hoe kunnen we dit nog meer inzetten?
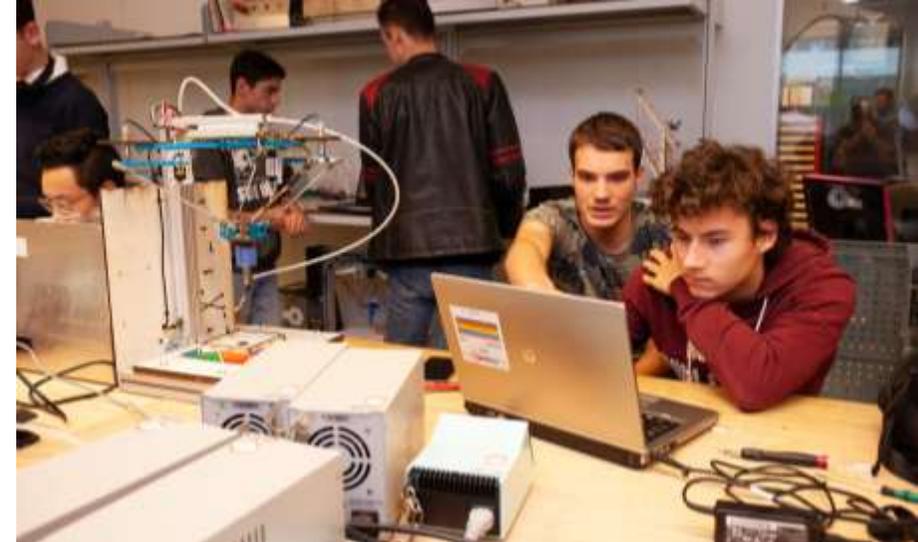
The Hague AI & DataLAB

We are teachers, researchers and students at The Hague University of Applied Sciences (THUAS). We use Artificial Intelligence and Data Science for a just and sustainable society. We help you put Data Science and AI into practice. THUAS AI & DataLab is your portal to connect with us and learn more about how AI and Data Science can change your daily practice. Find out what we do, what motivates us and how we can help you with your projects or questions.... Data Science and AI should benefit people and society as a whole. Our goal is to anticipate future trends and help shape those trends. We focus our work in three areas: industry (including manufacturing, horticulture and energy), security (including ethics, privacy, citizen safety and cyber security) and health (monitoring, prevention, care and cure).

https://thehague-ai-datalab.nl/

haags-ai-datalab@hhs.nl

DE HAAGSE HOGESCHOOL

AI in Safety

AI in Industry

AI in Health

Technology for Health Care

Civic Technology

Cyber Security & Safety

Cybercrime & Cyber Security

Data Science

Energy in Transition

Future Urban Systems

Learning Technology & Analytics

Network & Systems Engineering Cyber Security

Philosophy and Professional Practice

Photonics

Platform Economy

Risk management & Cyber Security

Smart Sensor Systems

Smart Sustainable Manufacturing

The Hague Applied AI campus (HAAI)

Initiative in exploration phase with ROC-Mondriaan and Leiden University

IT plays a crucial role in the big changes we see around us, from the energy transition to healthcare innovation. Often, these developments go hand in hand with artificial intelligence. In addition, the IT sector is in high demand for both qualified staff and sufficient manpower. Pooling IT initiatives in a central location can increase their impact. That is why we want to strengthen IT cooperation in the Hague region by joining forces. We do this in The Hague Applied AI campus.

From Applied AI, we focus on innovative applications of AI in practice and creating the preconditions to do this in a safe, sustainable and fair way. We do this through education, research and practical projects.

https://thehague-ai-datalab.nl/projects/hague-applied-ai-campus/

j.d.p.vanderveen@hhs.nl
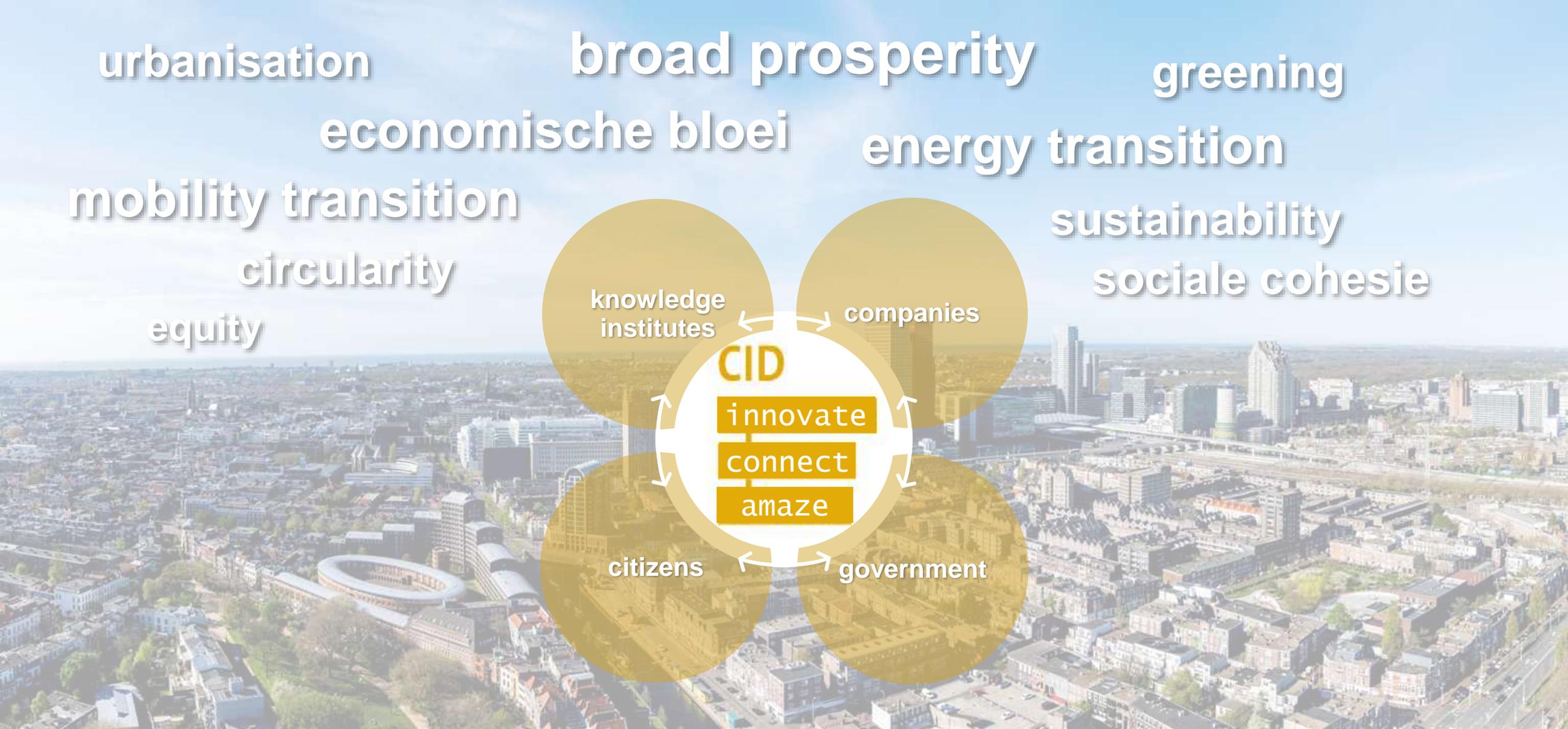
broad prosperity

urbanisation

economische bloei

greening

energy transition

mobility transition

sustainability

circularity

sociale cohesie

equity

CID

knowledge institutes

companies

innovate

connect

amaze

citizens

government

Innovation as enhancer of Hague's profile as international City of Peace and Justice

Innovation as a means to accelerate urban tasks

Thank you!

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