

# The Strategic Shift to European Cloud

And why this matters for our collective resilience



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Chief Information Security Officer



From **Engineer** to **CISO**  
Telco & DNS



Co-founder **EUR TLD ISAC**



You'll find out why  
that's important ...



EUROPEAN  
TLD ISAC

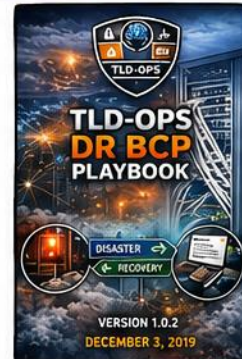
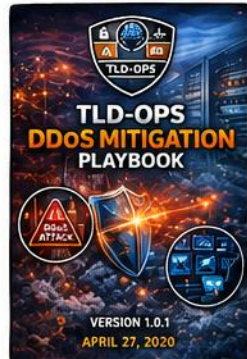


# ✧ Sector-specific information ✧

## Guidelines & Frameworks



## Playbooks



## Implementation Guides



- DNSSEC INTEGRATIE & IMPLEMENTATIE.



- SPF INTEGRATIE & IMPLEMENTATIE.



- DKIM INTEGRATIE & IMPLEMENTATIE.



- DMARC INTEGRATIE & IMPLEMENTATIE.



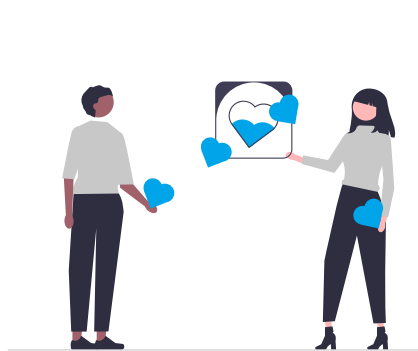
Practical resources to strengthen security, resilience and collaboration across the sector.

1

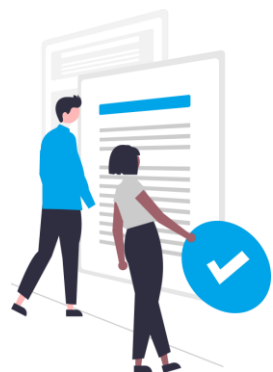
Who are we



# Who are we



Not-for-profit  
organisation



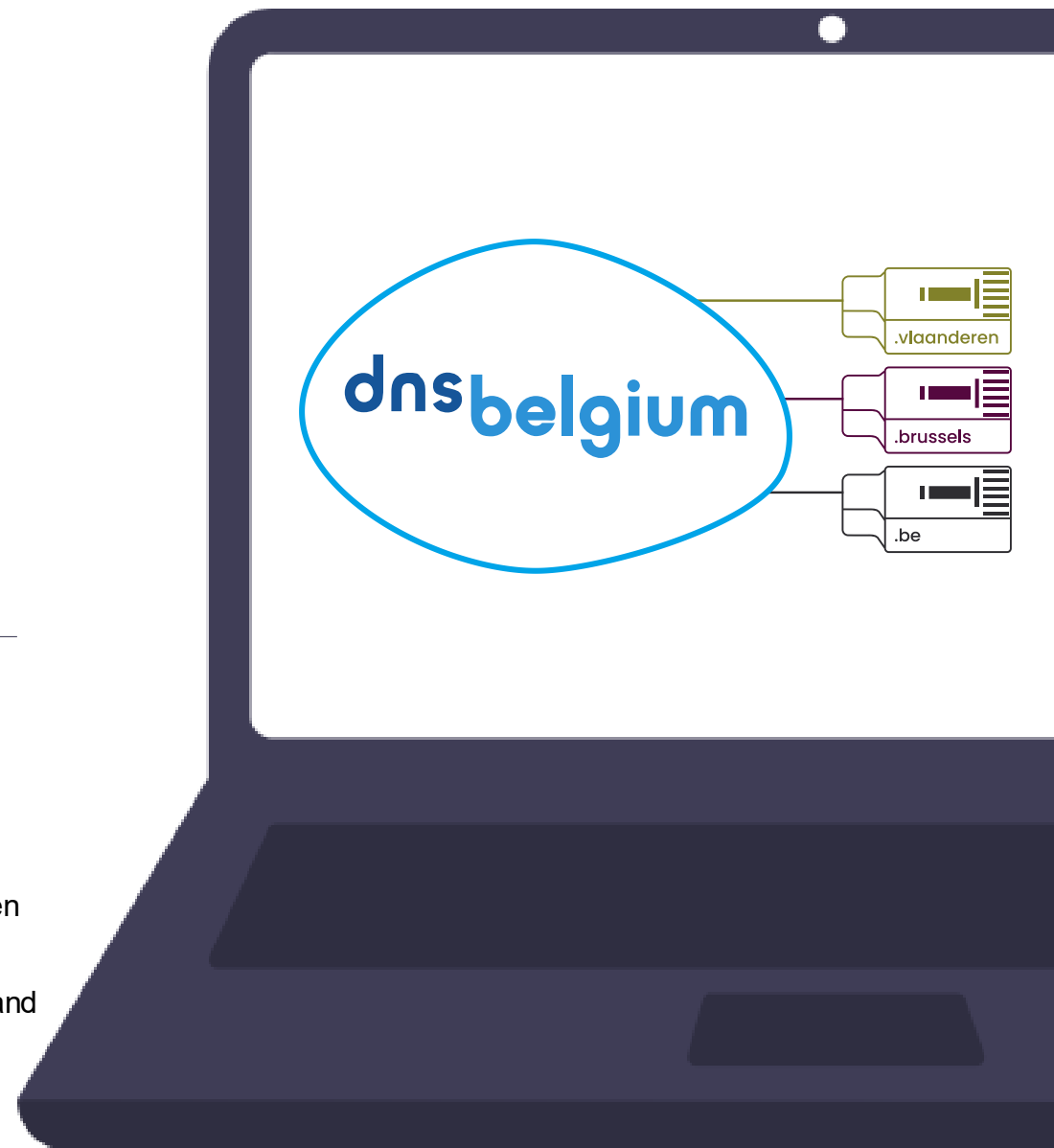
TLD  
registry

**.vlaanderen**  
**.brussels**  
**.be**

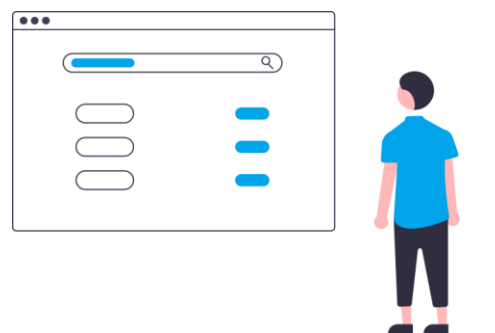
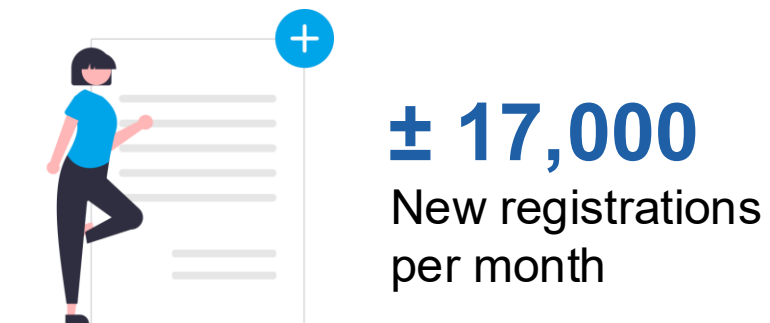
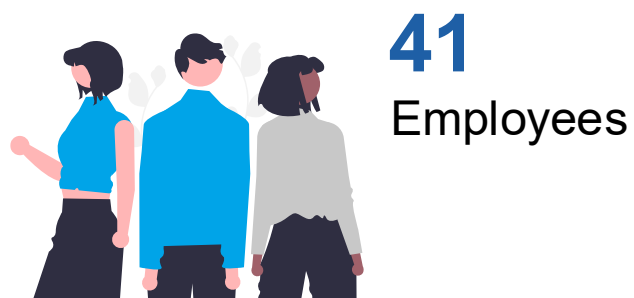


Our mission  
is to:

- register domain names
- manage .be, .vlaanderen and .brussels.
- promote opportunities and trust in the internet



# Key figures



Domain names

**+ 1,7m** .be  
**± 8,000** .brussels  
**± 5,400** .vlaanderen



2

What we do



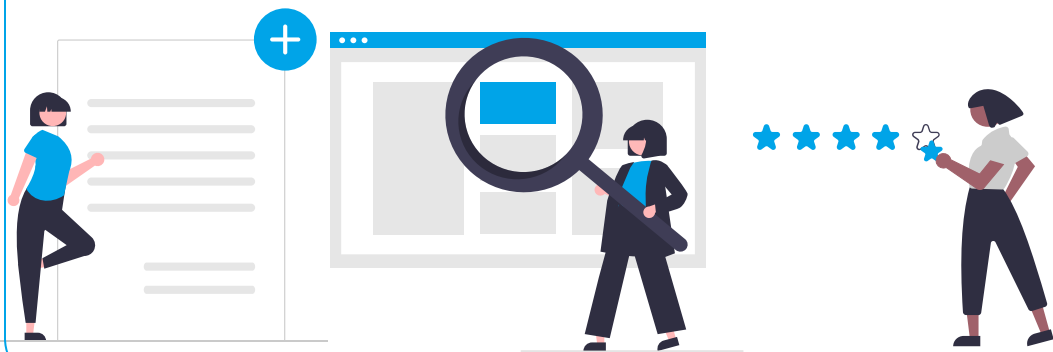
# Two main pillars

## Technical management

Registry database  
administration

Lookup services (WHOIS/RDAP)

Authoritative DNS(SEC)  
operation

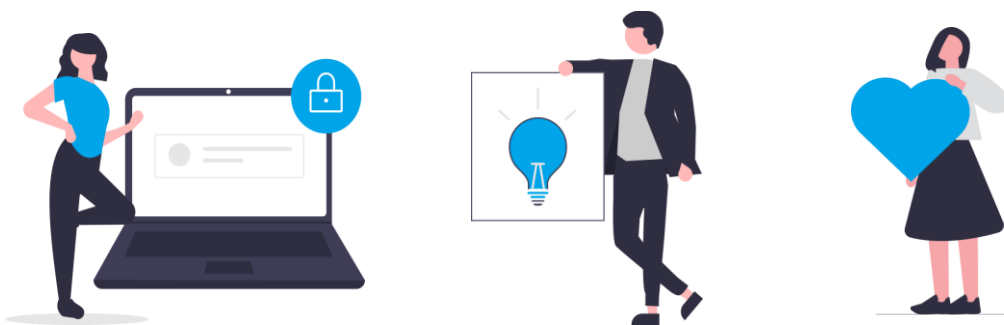


## Strengthening the Belgian digital society

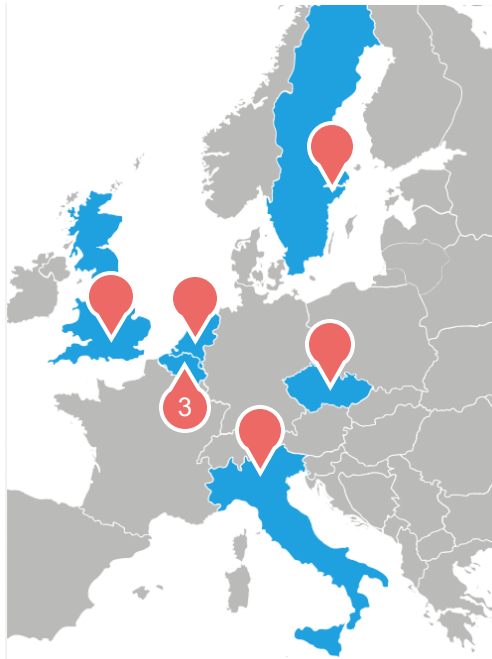
Promoting the use  
of domain names

Informing, raising awareness  
and providing support

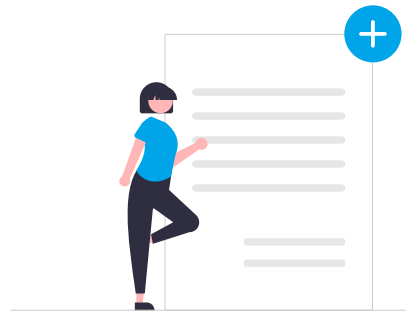
Combating online fraud



# Technical Setup



Managed by DNS Belgium



## Name server set-up

Aims: Availability,  
Latency

Anycast + Anycast@ISP

Third party NS

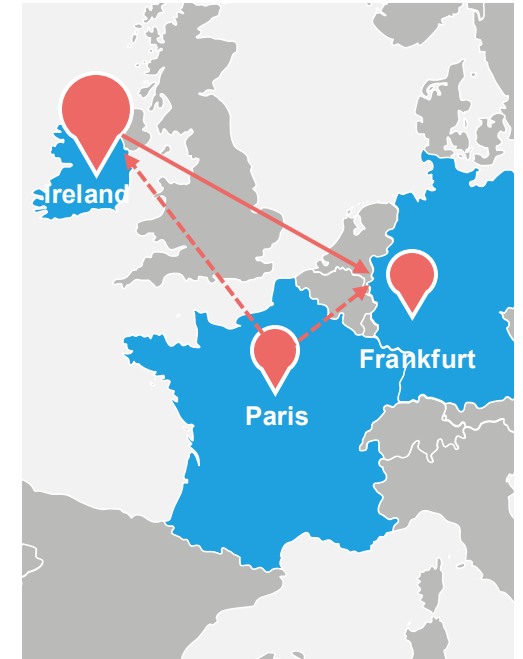


## Registration platform system

Aims: Availability,  
Security

AWS HA setup

Disaster recovery



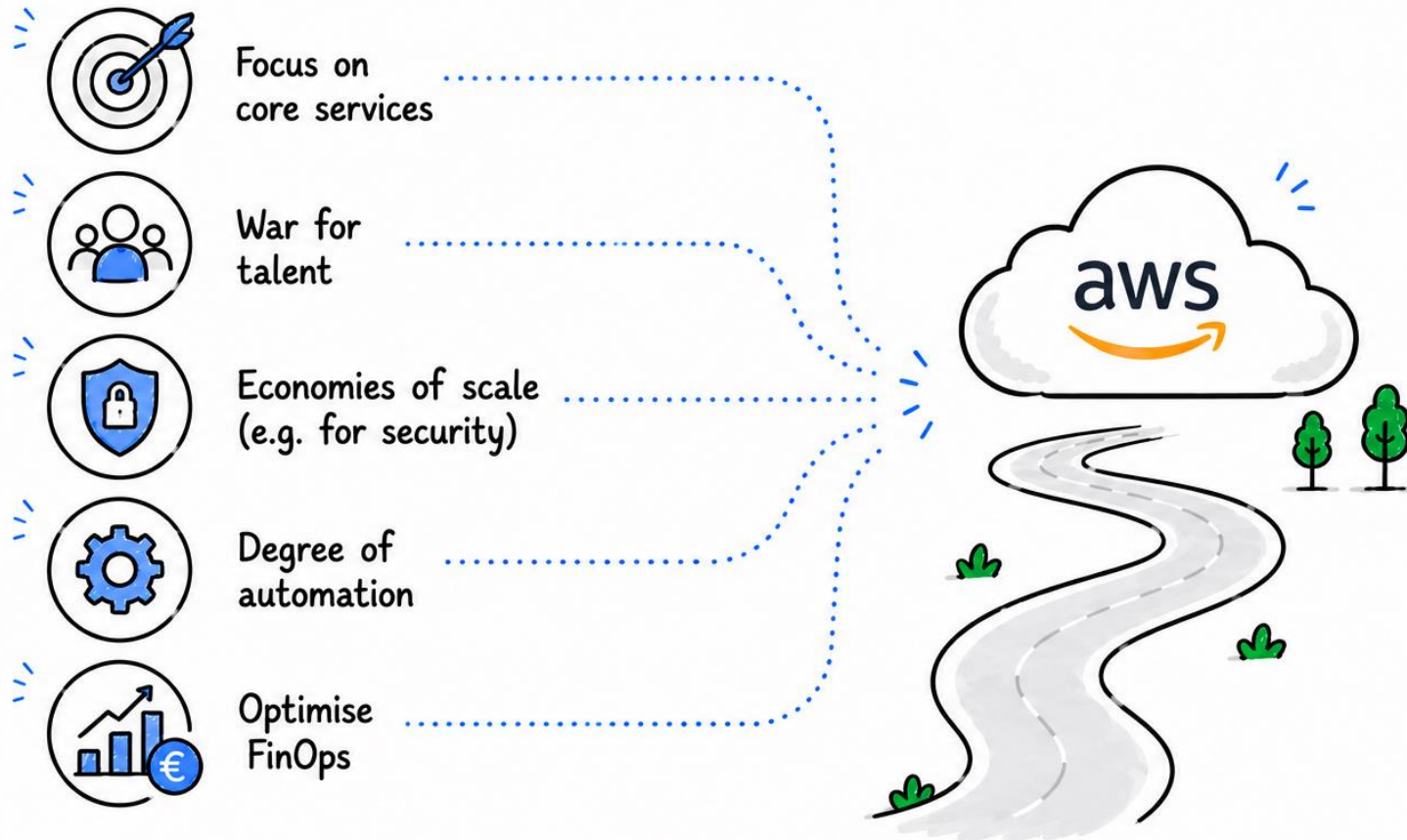
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The S-word



# The big leap

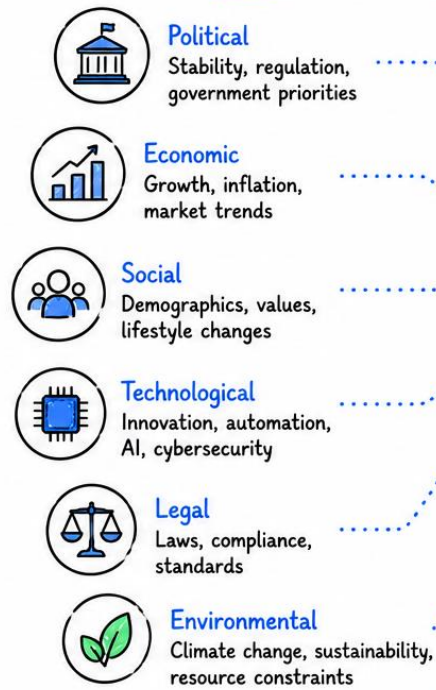
## Moving to AWS



# Continuous monitoring

## PESTLE and Threat Landscape Analysis

### PESTLE Analysis




Understanding the external context shaping our world

### Threat Landscape Analysis

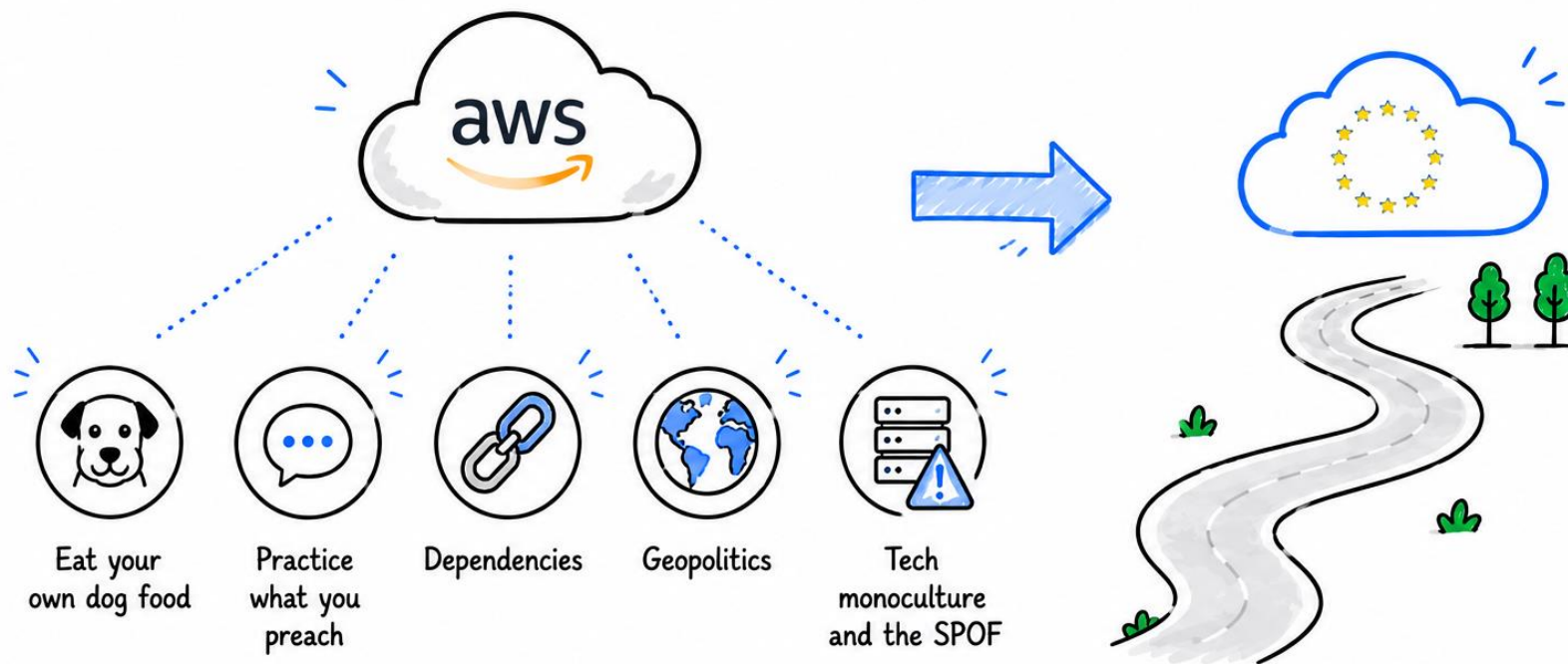


Identifying threats to our objectives and assets

 Better insight. Stronger decisions. Greater resilience.

# The other direction

## Moving away from AWS



Besoin de  
**garder le contrôle**  
en ligne ?  
Choisissez un .be



Découvrez pourquoi sur  
cestnous.**.be**

Beter **een eigen plek** online,  
waar algoritmes niet alles bepalen

Ontdek waarom op [wijzijn.be](#)



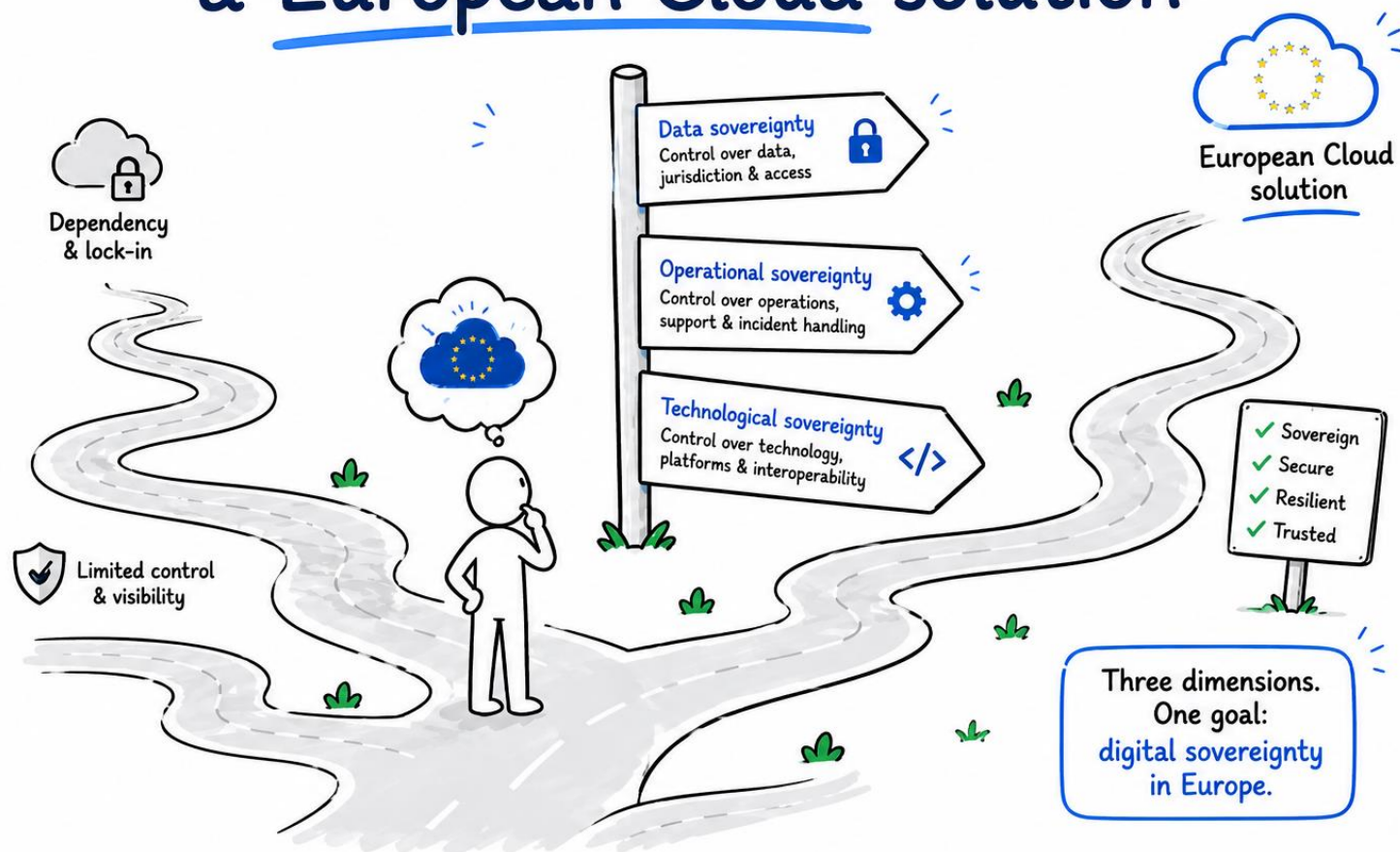
Waarom .be voor  
**onafhankelijkheid** staat?

Ontdek waarom op [wijzijn.be](#)



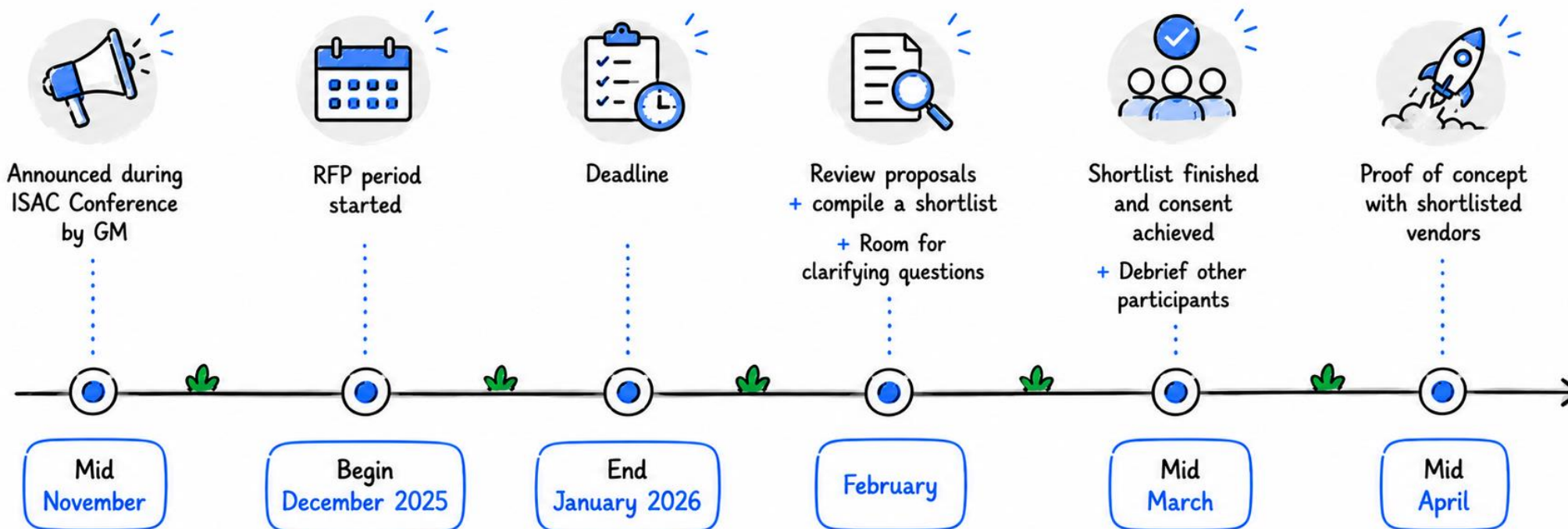
# Evolving insight

## Moving towards a European Cloud solution



# Request For Proposal

## RFP Timeline



# Media attention

vrt nws

"Afhankelijkheid is onaanvaardbaar groot geworden": beheerder van .be-sites wil af van Amerika

3 min read

DNS Belgium, het bedrijf dat de .be-sites in ons land beheert, heeft concrete plannen om weg te trekken uit Amerika.



ICT/Magazine

8MIN • LEIDERSCHAP

'Je kunt niet lokaal prediken en zelf op AWS draaien'

Exit AWS: De DNS Belgium migratie



KIM LOOHUIS  
27 Feb 2026, 08:50 CET



ITdaily

The harbor master of the Belgian internet: an interview with the CISO of DNS Belgium

9 min read 24.02.26 13:55

As the steward of .be, .vlaanderen, and .brussels, DNS Belgium sits at the heart of the Belgian internet.



**VIRTUAL** GUEST

EPISODE 26

Digitale soevereiniteit in een wereld van Big Tech

LISTEN ON   

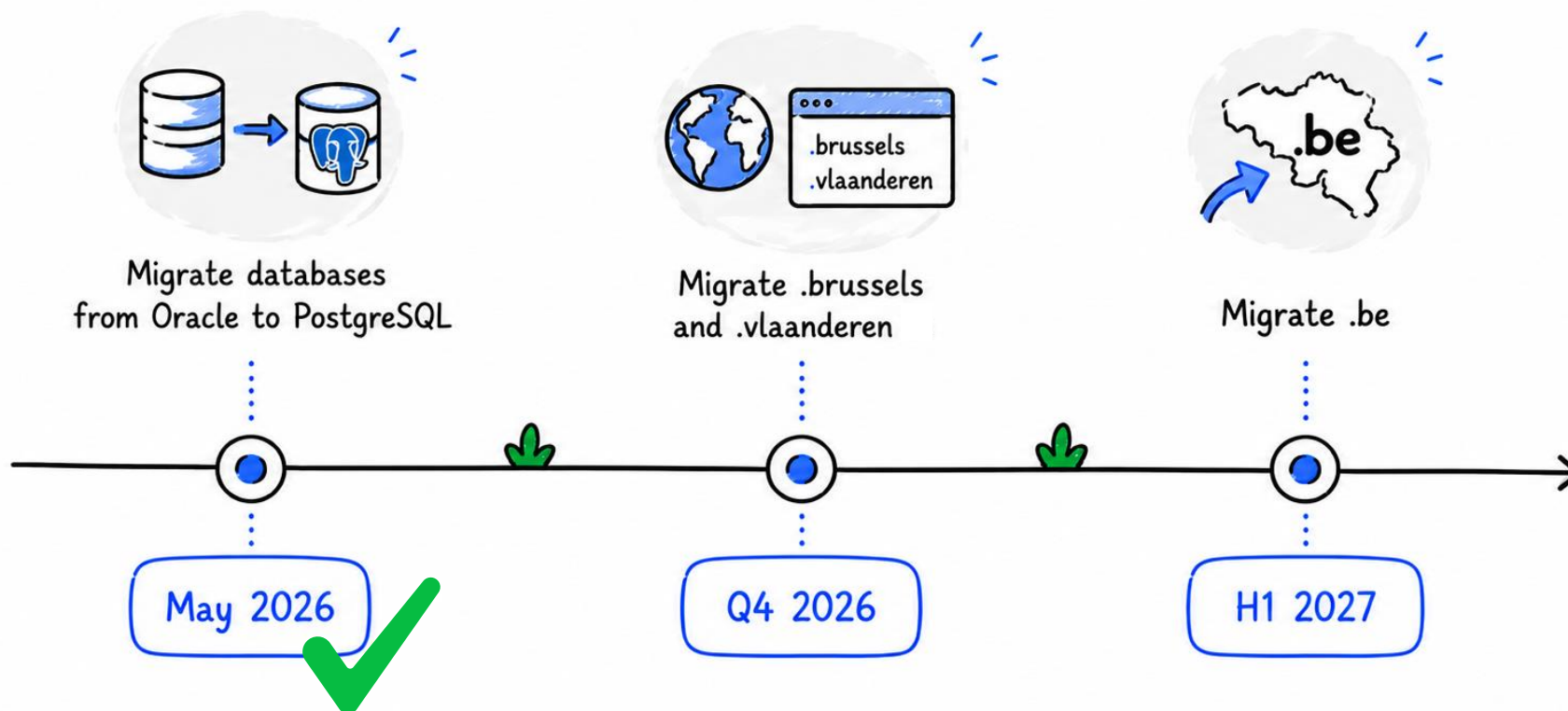
KRISTOF TUYTELEERS

Chief Information Security Officer bij DNS Belgium



# The real deal

## Migration Project Timeline



**Any  
questions?**



The logo for dnsbelgium, featuring the text 'dns' in a dark blue font and 'belgium' in a lighter blue font, both in a lowercase sans-serif typeface. The logo is positioned inside a large white rounded shape on a blue background.

dnsbelgium

**Thank you**