We are the change connectivity needs.

Born and raised in B2B connectivity, we combine innovation, expertise, and great talent into (mobile) connectivity solutions that will make both your business and society grow. 0G to 5G.

And yes, we are here to shake things up!

CITYMESH

connecting opportunities

CEGEKA: A Digital Holding

The Trinity of Innovation
For the next decade:

What's in it for business

AI
Improving operational costs, gaining efficiencies & predictability

5G
High speed, Reliable & Low Latency

DATA

Cloud & containers

cegeka
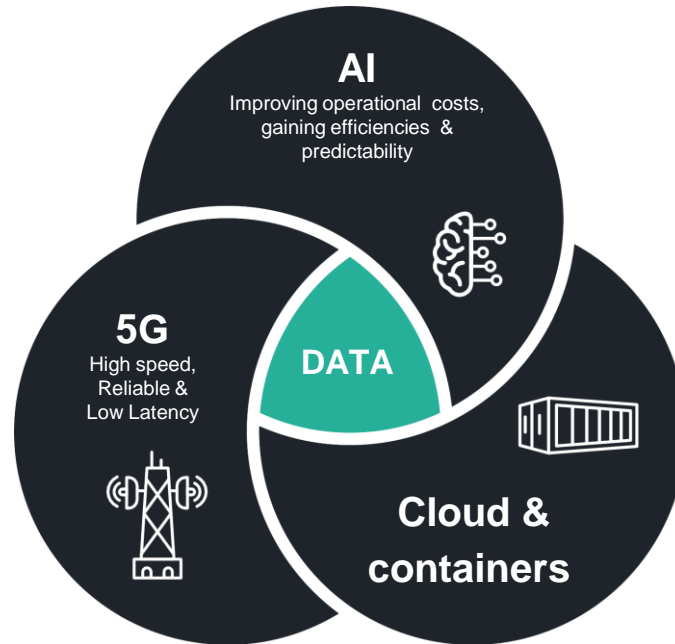
How we make
a difference

CITYMESH
connecting opportunities

CITYMESH
connecting opportunities

Challenging the status quo as
National Operator

European leader in
Mobile Private Networks

Operator of the BE & NL
0G IoT networks

Unlocking opportunities with
Safety Drones

+ 2.000.000

Altidude: 50-150m

PRIVATE 5G

Distance 5-10km

PUBLIC 4G/5G

DATA CENTRE

Fire fighters (on-scene)

Fire trucks (on-route)

Authorities

(Un)manned traffic management

Remote pilot command & control

Emergency services dispatch

9
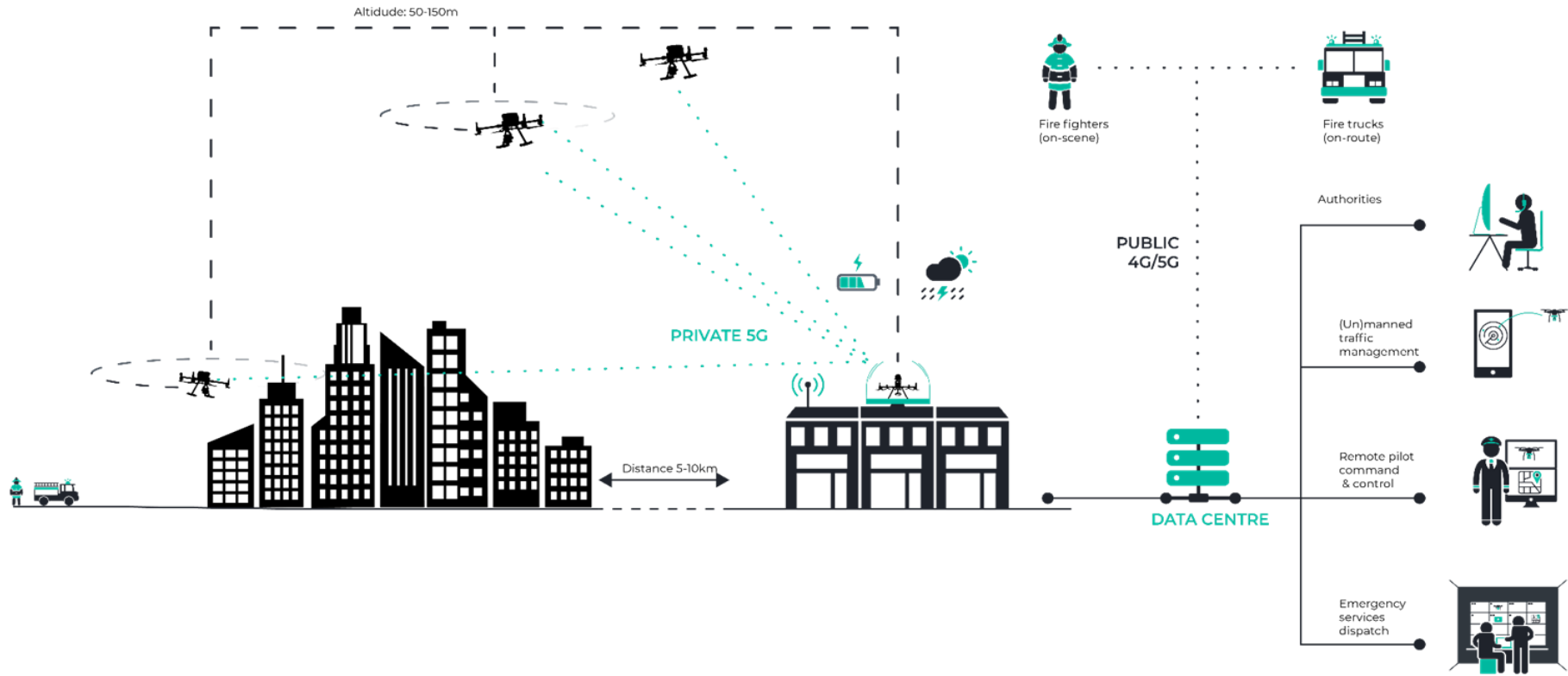
Safety drone shield (5G POC)

- **Citymesh** will deploy **70** Drone in a box solution offered in A Drone-as-a-Service model to the First Responders

- Controlled by **40** pilots

- In **5** Remote Operation Centers.

Nokia Drones

- Hexacopter.

- Equipped with a dual 5G modem, 4 simcards and the flight control software.

- Parachute to reduce the possible impact.

- HD, zoom and thermal camera.

Nokia Safety drone box

- Equipped with a HVAC and charging system.

- Highly accurate landing thanks to a beacon and RTL.

- Autonomous Drone-in-a-Box system.

- Camera installed in the Box.

- Nokia is the only player that has a fully CE certification for its complete solution

Remote operation center

- Integrated with fire and police department emergency applications.

- Redundant internet connectivity with high bandwidth.

- 45 min backup power supply.

- Manned 7/7 by licensed pilots.
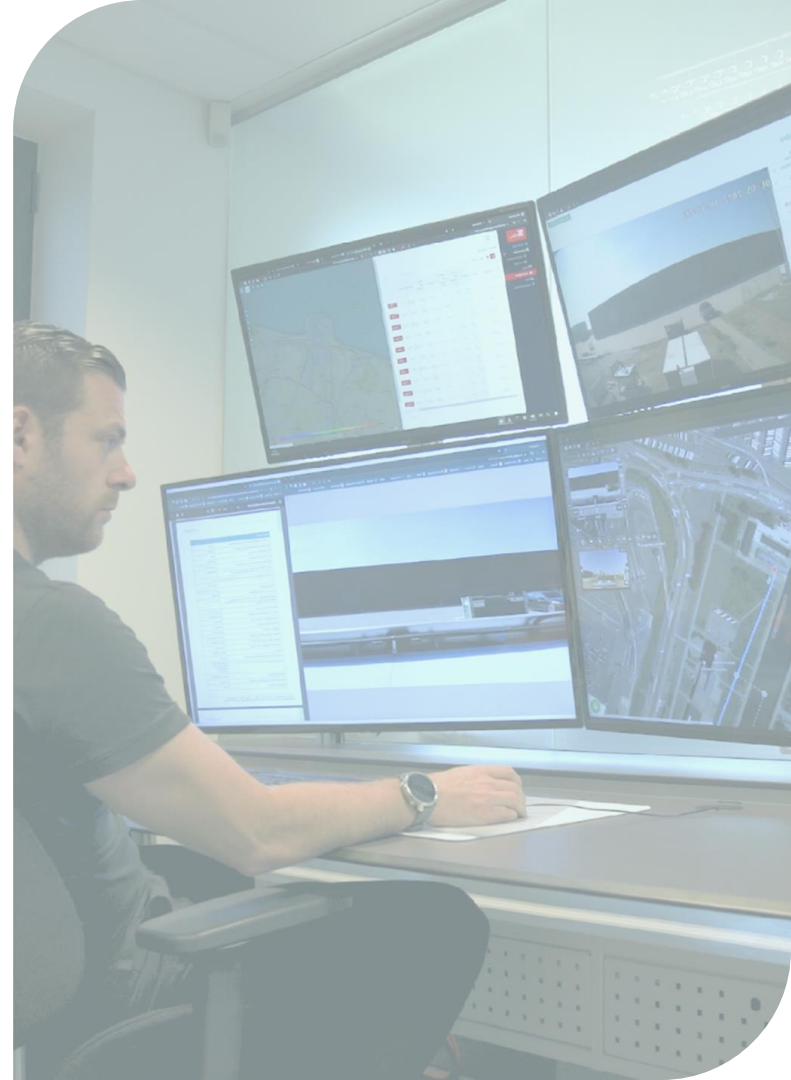
First Responders

- Dispatch is in direct contact with the pilot during the mission.

- Dronehub will show the livestream on any device any where.

- The missions are stored for 30 days so they can do a post-mission evaluation.

- They use the Drone-as-a-Service.

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skeydrone — Enabling safe drone operations

imec

IDLab — INTERNET & DATA LAB

Met de steun van de FOD Economie, K.M.O., Middenstand en Energie

economie

FOD Economie, K.M.O., Middenstand en Energie

Faster and better decisions with actionable insights for industrial & critical infrastructure
Focus on 3 huge markets

Power grid

Telecom

Infrastructure

Dangerous
Climbers have to be put in high-altitude and hardly reachable places in order to make useful footage.

Time-consuming
Gathering of footage, but also structuring thousands of pictures and manually analyzing them.

Expensive
Downtime of pylons & bridges cost a huge amount of money, aside from the cost of human resources.

Subject to human error
Unrobotized repeatability is bound to have mistakes, which can have a huge impact in these industries.

DRONE DIVISION
IS IT A PLANE GROUP

End-to-end solutions + inspection platform
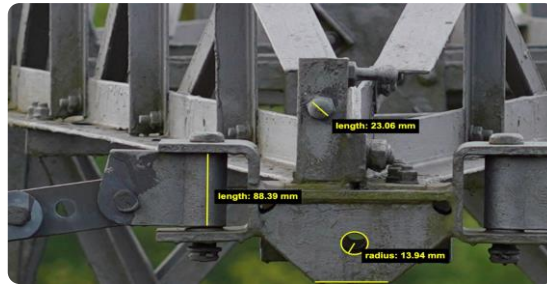
1. Inspect
By your own pilots or our experts.

- Self-developed powerful asset management tools
- Cost saving: no downtime
- Time & resource saving: 50% faster inspections
- Improve workers safety

2. Measure
Inspection agencies can use our millimeter precise measurement tools and automated defect detection.

- In-depth asset insights
- Precise measurement with flexible drawing tools
- Automated defect detection (via AI) offers extra reliability
- Visualize and co-operate in one platform for your projects

3. Report
Custom reports provide a detailed overview of your assets quality

- Own defined labelling allows customized reports
- Repeated quality management via updated reporting
- Easy access and shared reporting

Services

Power grid

- Micro view inspection + health status
- Mast inspection + health status
- Corona detection + health status
- IR defect detection
- State of Premise

Telecom

- Line of sight
- Intelligent site eng
- As built service
- Site engineering
- State of Premise

Infra & industry

- Mapping
- Inspection on concrete & steel
- PV inspections
- Heat loss detection
- Stock Inventory (Indoor & Outdoor)

DRONE
DIVISION
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