

# #KNGS

## Knowledge Network Green Software

*-CONNECTING THE GREEN SOFTWARE WORLD-*

MARCH 13, CENTRIC, GOUDA



# OUR VALUES

PROGRESS

**PEOPLE**

BEING REAL

FULFILMENT

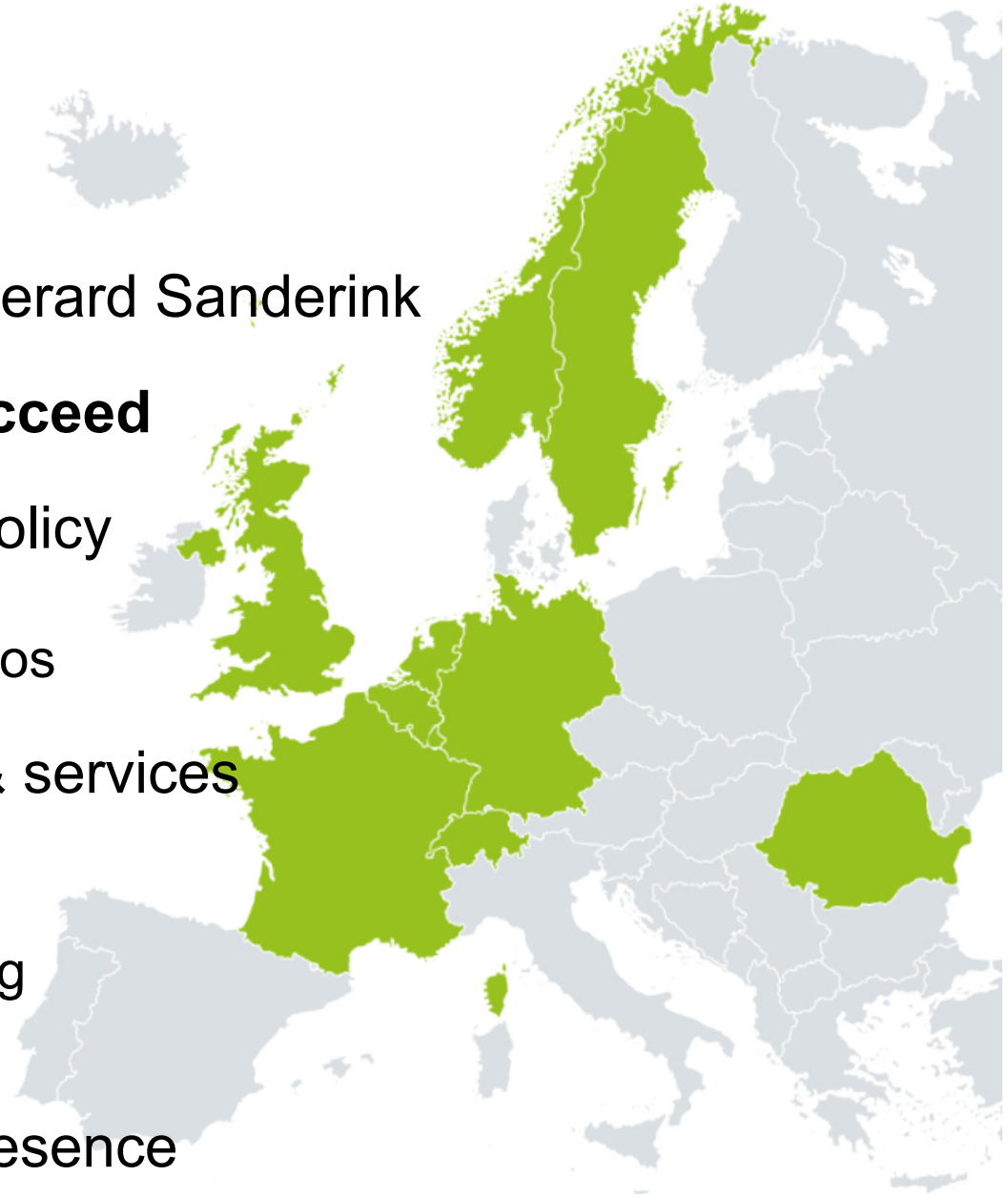
CHALLENGES

SOLIDITY

PRAGMATISM

# FACTS & FIGURES

- Founded in 1992 by owner Gerard Sanderink
- 5.000 people helping you **succeed**
- **Progress** by solid financial policy
  - Turnover of 525 million euros
  - Profit (after tax) 12 million euros
- **Fulfilling** realistic solutions & services
  - Software Solutions
  - IT Outsourcing
  - Business Process Outsourcing
  - Staffing Services
- International partner, local presence



# CONNECT. ENGAGE. SUCCEED.

- **Connect** with all your stakeholders
- **Engage** in pleasant co-operation, disclosing and sharing information
- **Succeed** with the right ingredients for strategic choices
  
- Information is the DNA of organisations
- Innovation is indispensable for successful changes

# CORPORATE SOCIAL RESPONSIBILITY

- We and our customers have to deal with
  - Scarce resources, climate change, unequal opportunities
- Centric's contribution consists of
  - Applying social awareness throughout its operations
  - Sharing skills so that others can also tackle modern day challenges with smart solutions and technological innovations
- Sustainable growth is achieved through innovation, not by cost-cutting
- Important aspect is Green IT

# GREEN IT

- Sustainable software
  - See session about Profilers with Erik Jagroep
- Centric HQ building
  - Green datacenter
    - Power Usage Effectiveness (PUE) is currently 1.34 and we try to further reduce it
      - Extra cooling needed only when indoor temperature is above 23 °C (and is increasing), during winters use of outdoor air.
      - Separation of incoming and outgoing air flow
  - Offices use aquifer thermal energy storage (WKO) instead of traditional air conditioning

# PROGRAM

- **"Dashboards and Profilers for greener software"**
- Profilers and dashboards are tools that CIO's can use to steer on energy-efficiency. What is the state of the art and what are the do's and don'ts?

# PROGRAM

14:45	Coffee and Tea
15:15	Welcome and introduction by Host Joost Visser, SIG Leen Blom, Centric
15:30	Software energy profiling tools: what's out there? Guiseppe Procaccianti, VU, MRA
16:00	Profilers in practice Erik Jagroep, Centric & Miguel Ferreira, SEFLab
16:30	<i>Break</i>
17:00	Building an energy dashboard Thomas Geenen, Sr. Consultant Supercomputing, SURFsara
17:30	Presenting MRA project idea - Closing by #KNGS Chairman Niels van der Zwan, SIG
18:00	Drinks Sponsored by Centric



# QUESTIONS?

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