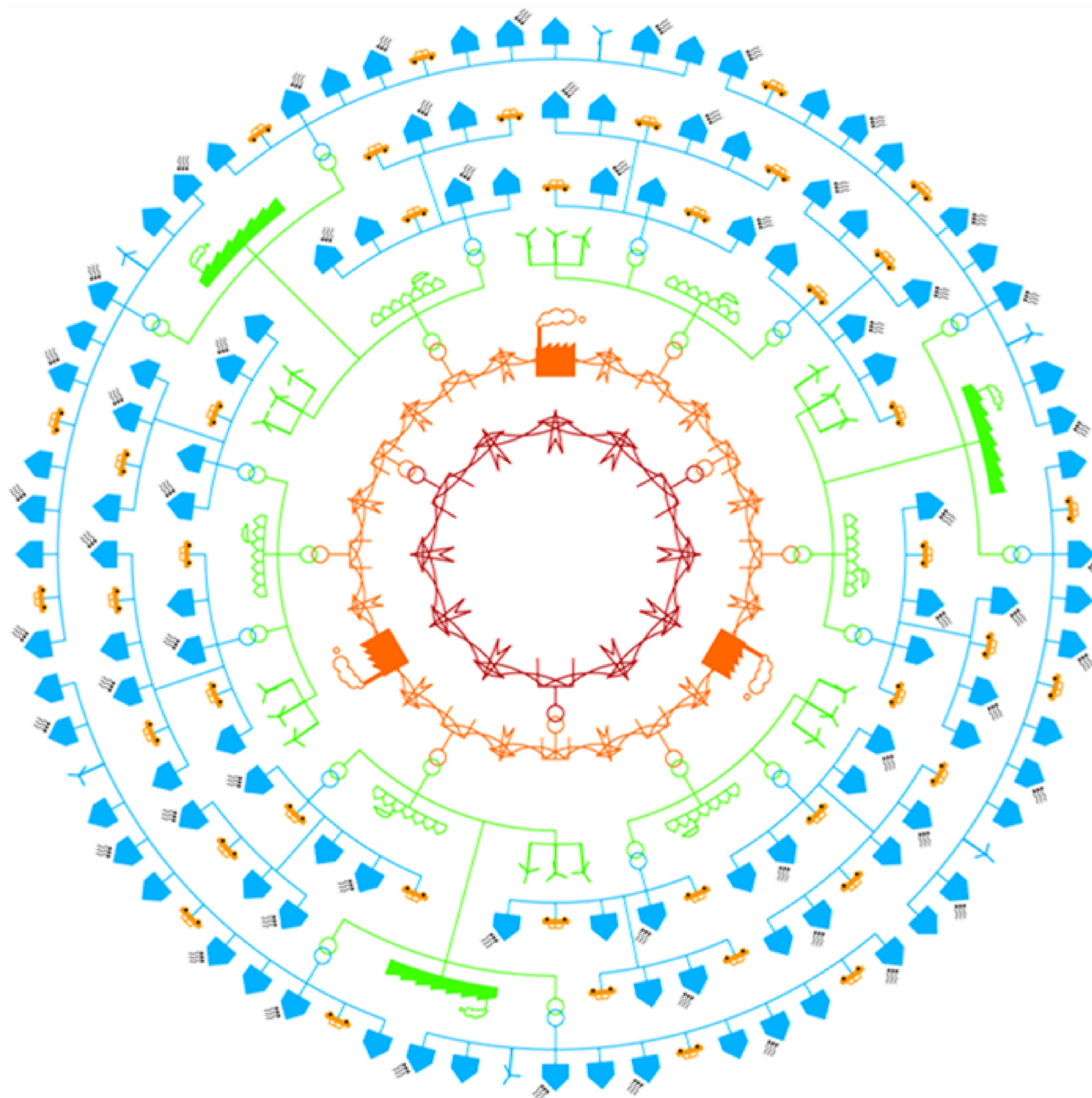


Graph Databases

Johan Meppelink
Data Refinery Amsterdam

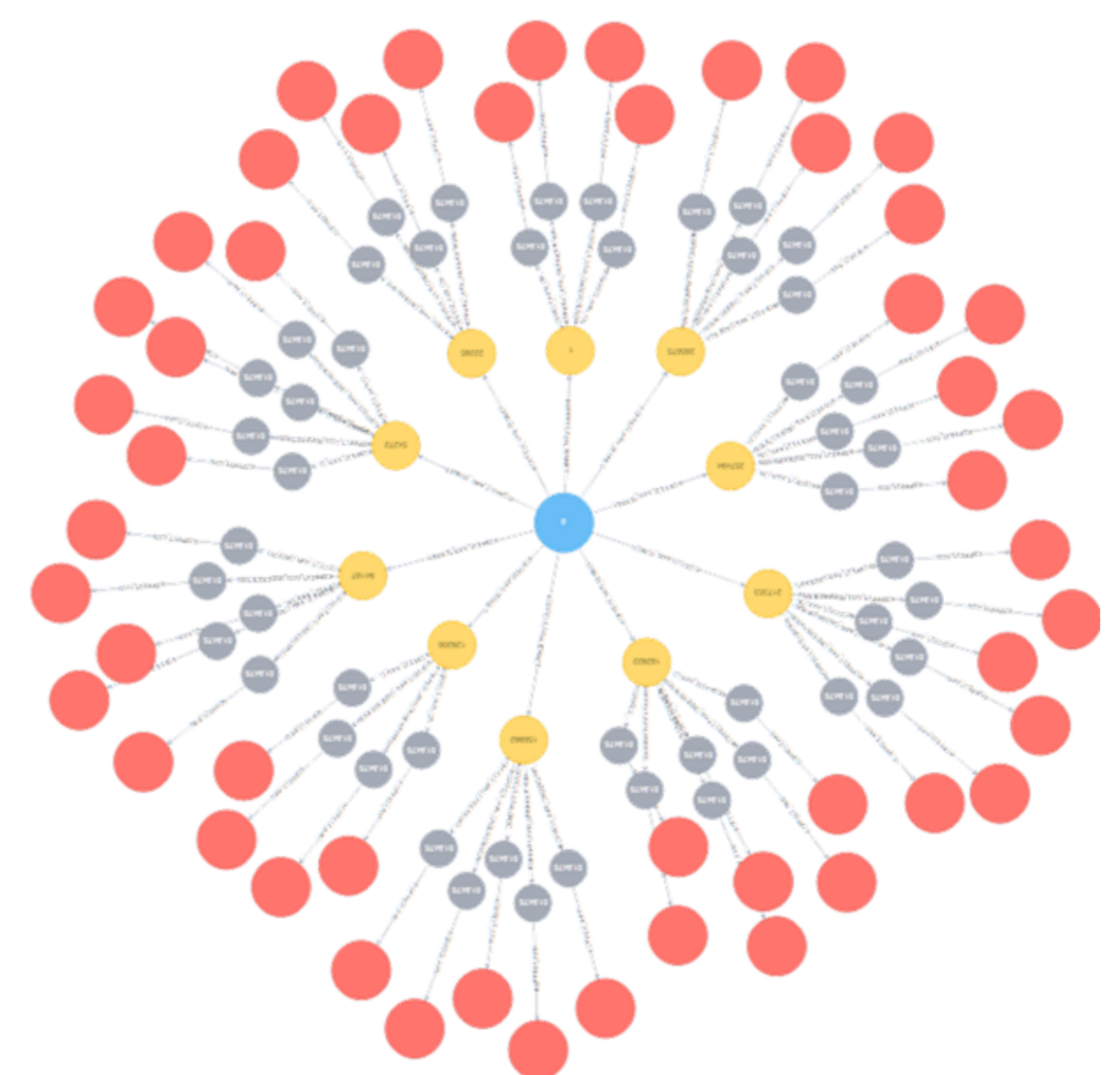
Mathilde Aarnink
Data Refinery Amsterdam



Conventional Relational Database



Revolutionary Graph Database



A Graph models your (Gas | Electricity) network

Quick answers to complex questions

Advanced analytics opportunities with Graph Databases

Energy Transition Simulation

Identify bottlenecks in your network by simulating and analyzing energy transition scenarios



Risk Quantification

Asses risk based on the true structure of your net



Preventive Maintenance

Optimize replacement plans using cost (risk) benefit analyses



Shortage Tool

Determine quickly which areas and which customers have a power outage



Customer Minutes Lost Reduction

Find the optimal location for your new components by simulating shortages and determining the component's effect on CML



What do you want to focus on?