



Communities Reimagined

Where are we now? 

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I keep hearing the same things





Smart City / Connected Places 'addressing' ...

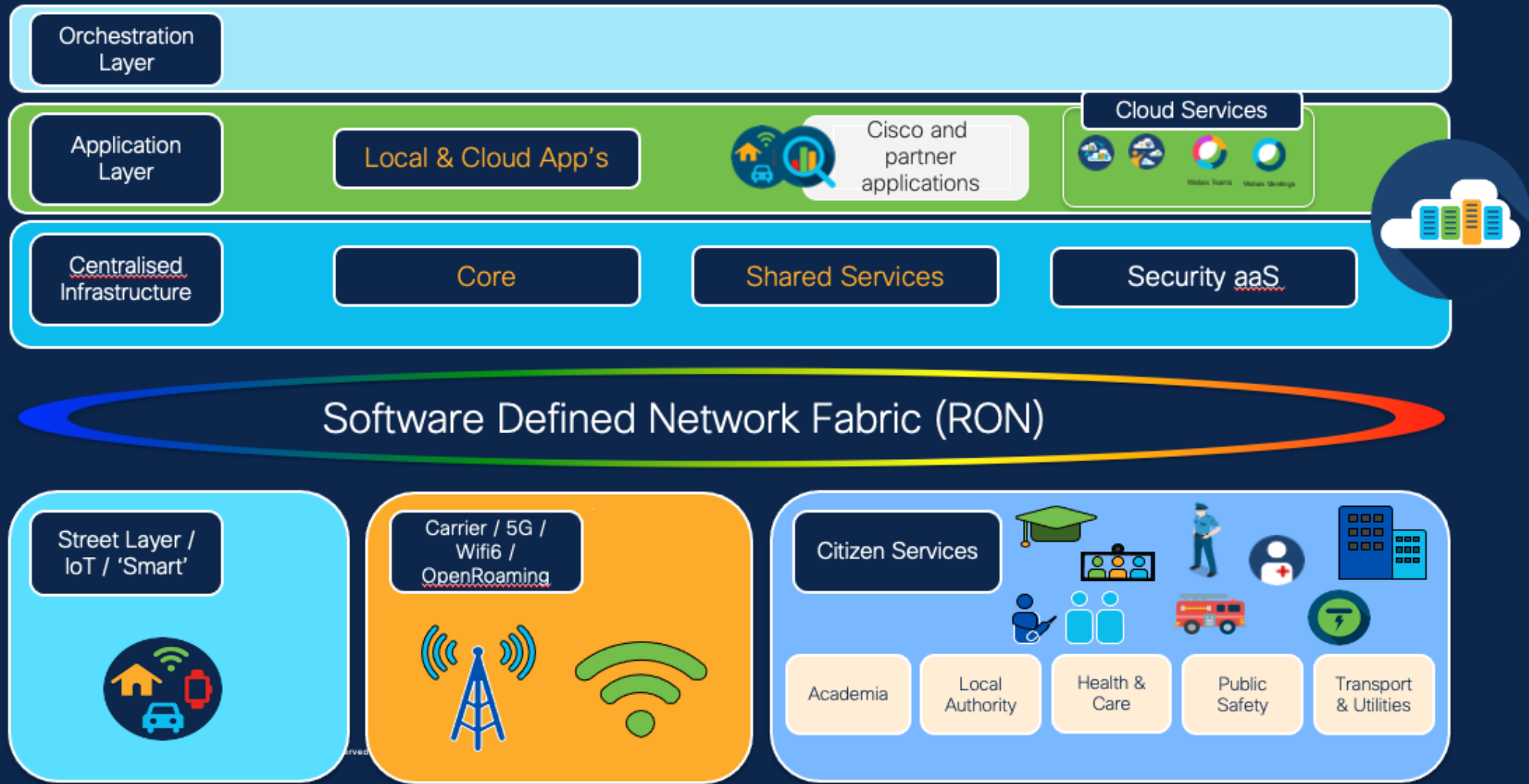
Air Quality, **Autonomous Vehicles**, EVs & EV charging, **lighting**, parking, **safety**, traffic management, people / crowd management, **asset management**, behaviour tracking & predictions, **video analytics**, security, **road / rail**, other transport, **logistics**, tourism & culture, social care, **public wifi**, connecting remote communities, **education**, health & care, **waste management**, culture & art, **water & power**, policing, **buildings**, manufacturing, **entertainment... etc...**

Beware of

Verschlimbesserung

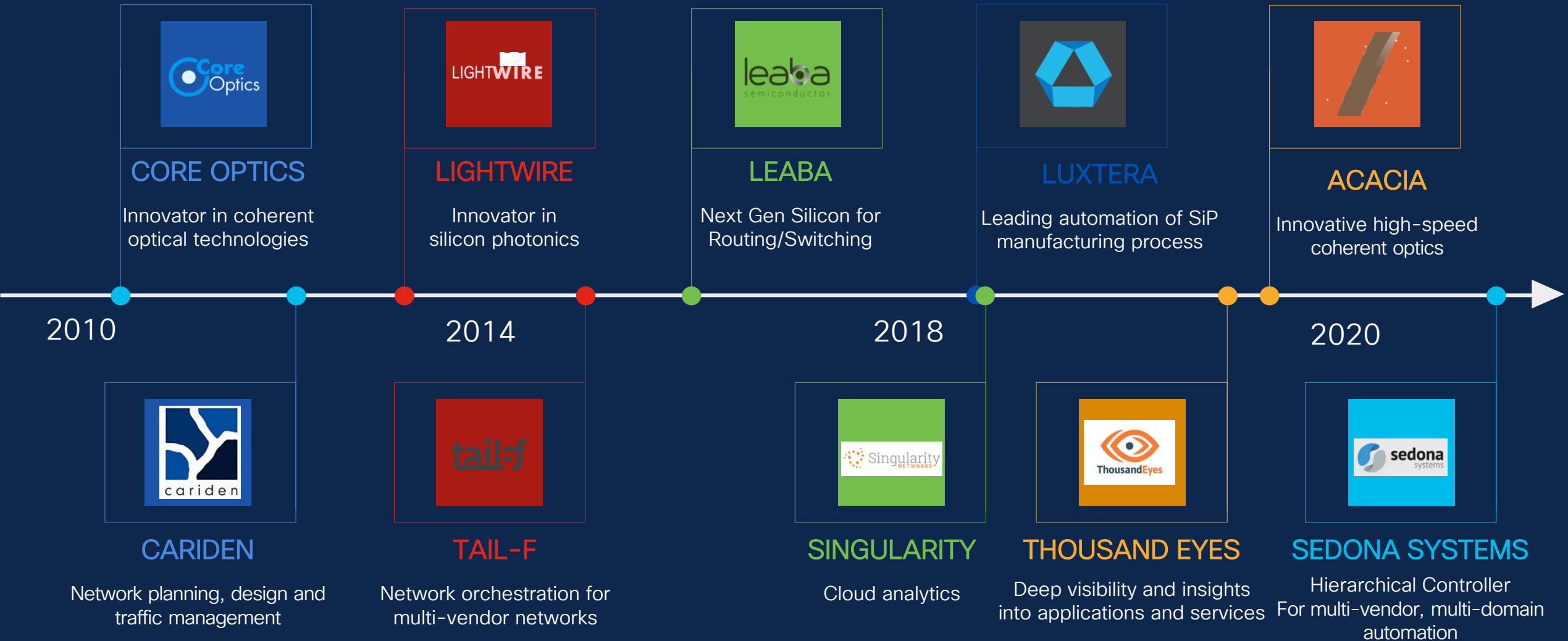
“the act of making something worse by trying to make it better”

You need a platform to support a 'smart' city



Routed Optical Network (RON)...

over \$6 Billion in Investments





What about the outcomes?

How about...

Less NHS/GP visits, **healthier people**, Safer Roads, **Sustainable transportation solutions**, better visibility, **getting where you need to go easier**, less accidents / incidents, **better flowing places**, find things easier and keep track of them, **help people move around**, identify and fix my issues, **help me feel safe**, get me to where I need to go, **get things to where they need to go**, help me enjoy time somewhere and see some cool stuff, **support me & my family and society**, keep me connected wherever I am, **help me learn**, a caring community, **manage my rubbish**, give everyone access to basic services, **keep us all safe**, sustainable places that are easier to get around and manage, **help us make things more intelligently and more sustainably**, help me have fun, **help me with my / my families challenges... etc...**



Urban and Rural!

Reducing or removing friction



Published this week

In collaboration with Connected Places
Catapult and The Business of Cities



Global Future Council on Cities of Tomorrow

Data for the City of Tomorrow: Developing the Capabilities and Capacity to Guide Better Urban Futures

INSIGHT REPORT
JUNE 2023

1 **Introduction**

Data is an essential enabler of more integrated and iterative cities.

2 **City data:** The why, where and who

Cities can benefit from the effective use of data.

3 **What cities should do**

Leadership can optimize the roles of data for long-term success.

*“Securely move data to where it
can do the most good”*

GM One Network



What the GM One platform really enables...



At scale, for real and for 10+ years

GM One Network

“This is a huge achievement for Greater Manchester’s public sector and really demonstrates the value of collaboration.

Through transforming our public services, we are boosting our towns and cities, cementing our position as a world leading digital-city region.

Ensuring our services are more efficient supports our ambition that everyone in Greater Manchester, whatever their age, location or situation, can benefit from the opportunities digital brings.”

**Andy Burnham,
Mayor of Greater Manchester**

A final thought...

The IT industry is responsible for **2%-4%** of global greenhouse gases...

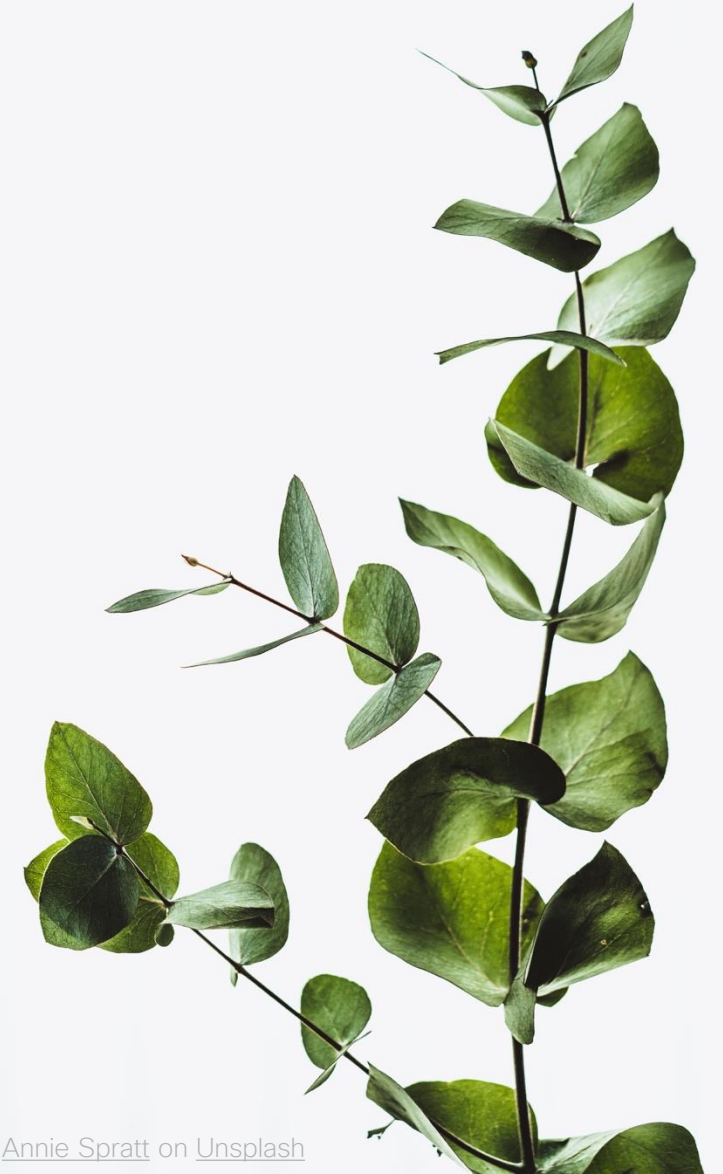
Buildings & construction account for an estimated **37%** of global CO2 emissions*

Cities - approximately **70%** of global GHGs

...ICT solutions offer the potential to suppress as much as **15%** of GHG emissions by 2030*

*2022 Global Status Report for Buildings and Construction, page 37

*Analysis from the Exponential Climate Action Roadmap





The bridge to possible