

Jens Martin Skibsted

Urban mobility and future perspectives

Vertical
Urban
Mobility

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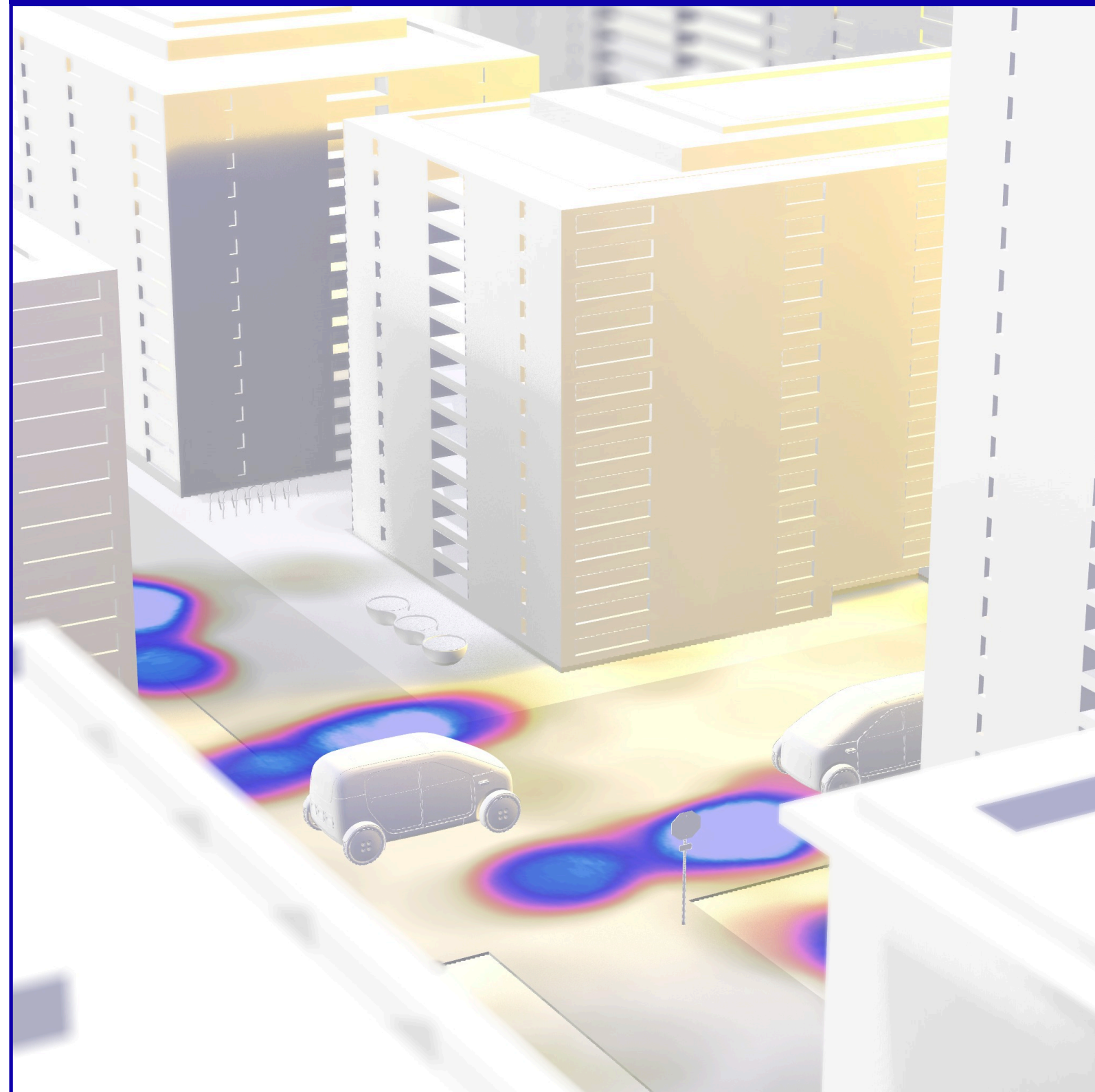
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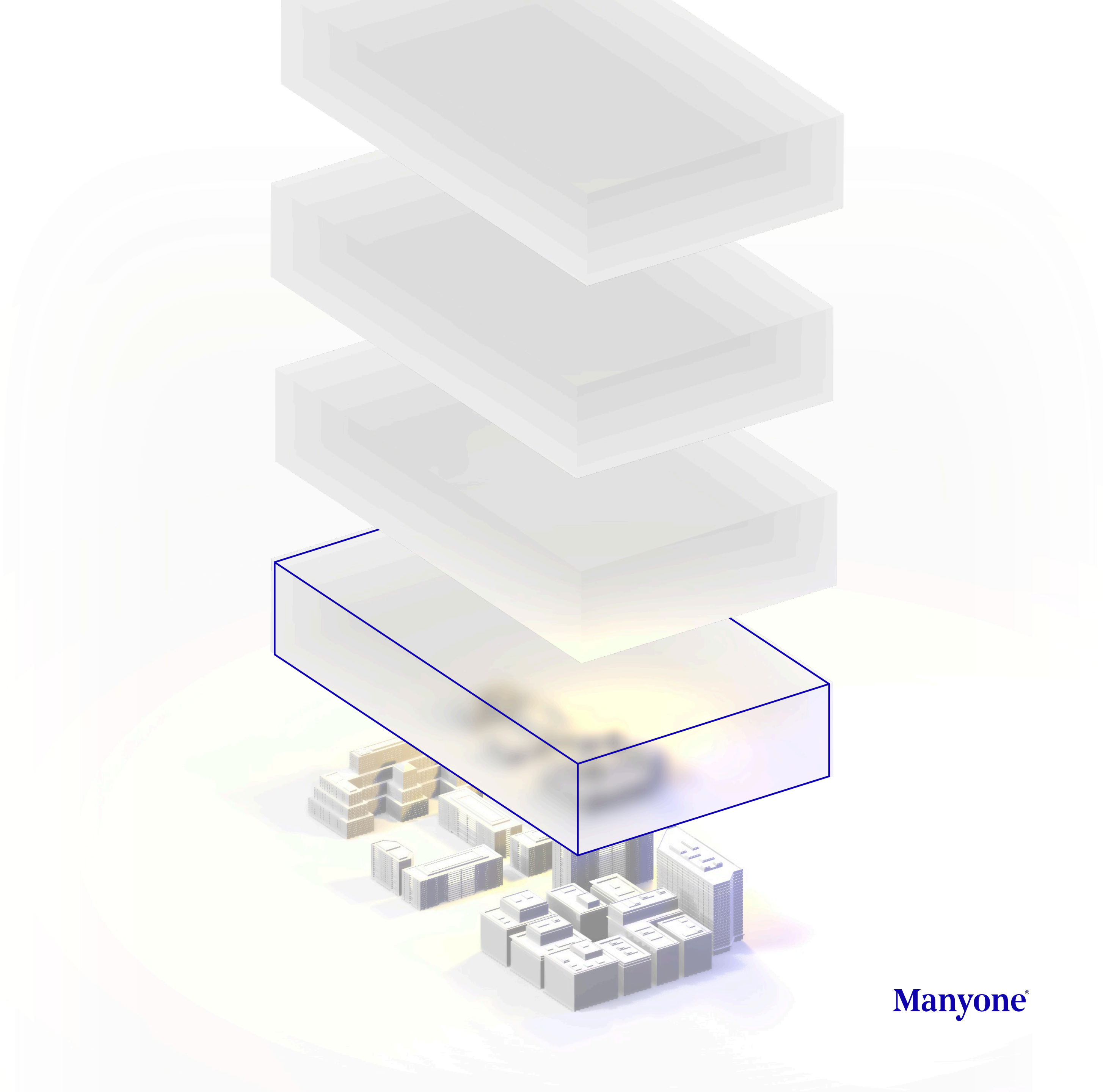
WHAT IF...

Layers are our way
to differentiate,
be tangible and
fine-grained when
we talk metaverse

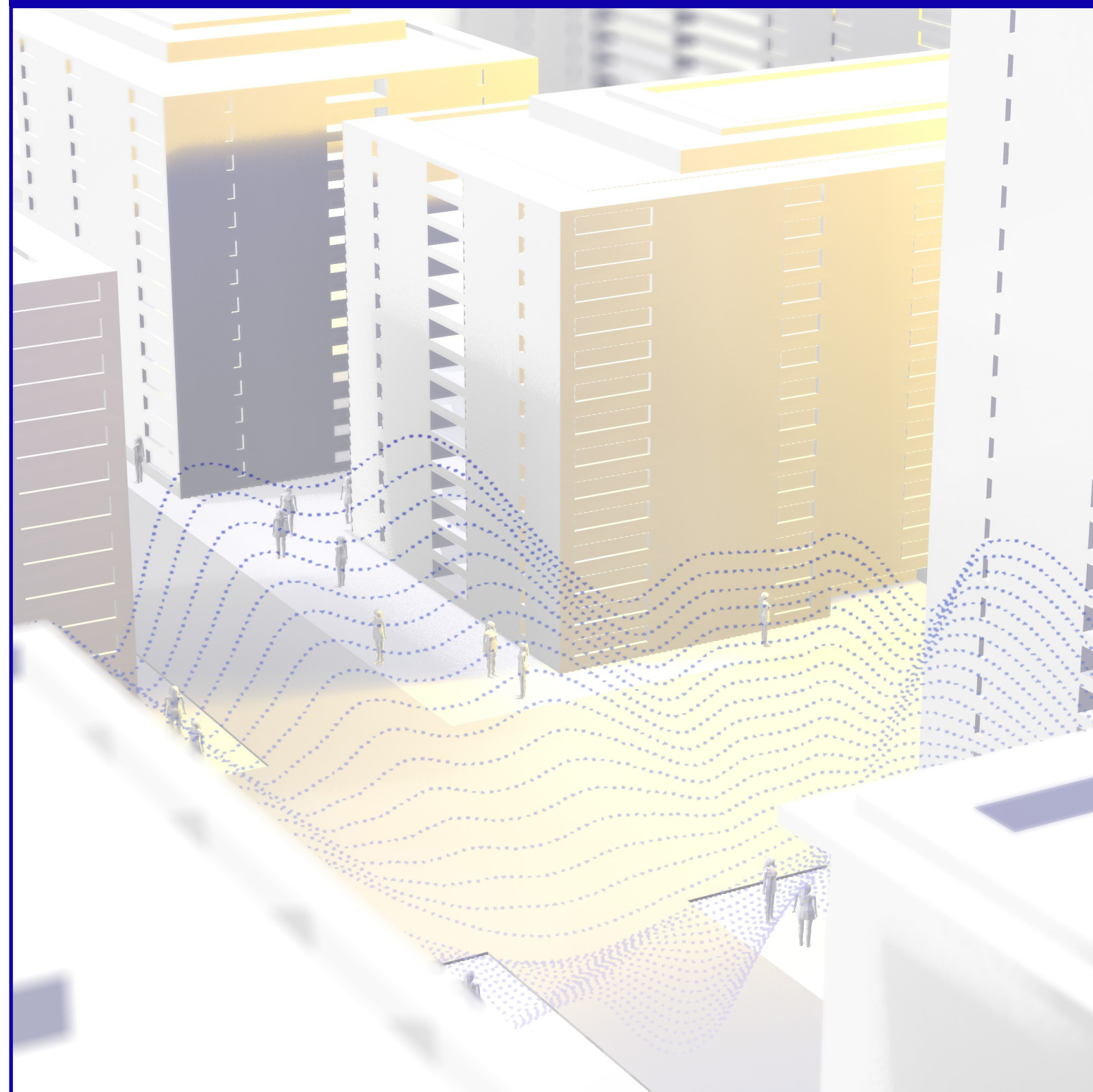
Mobility



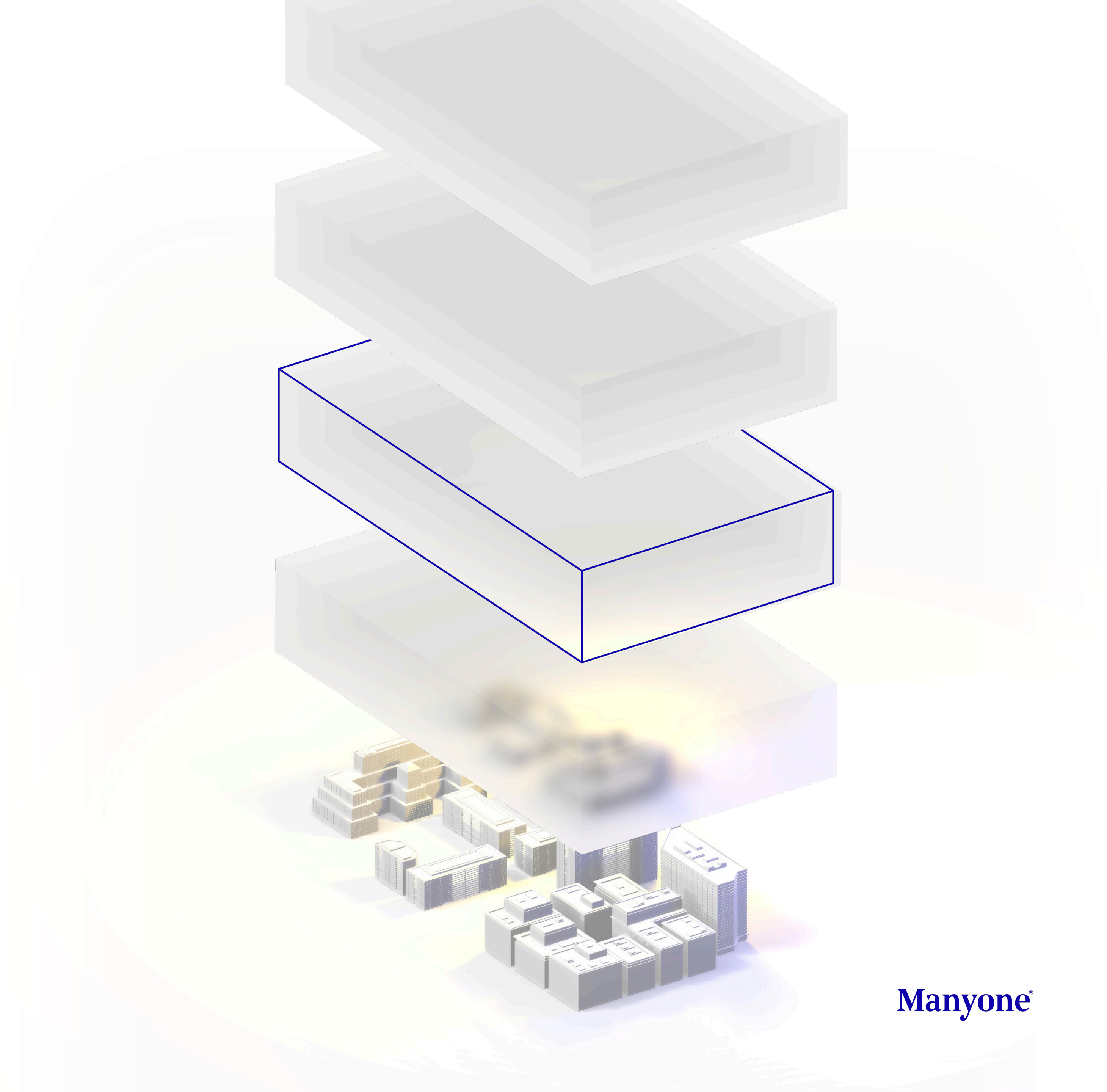
Layer example



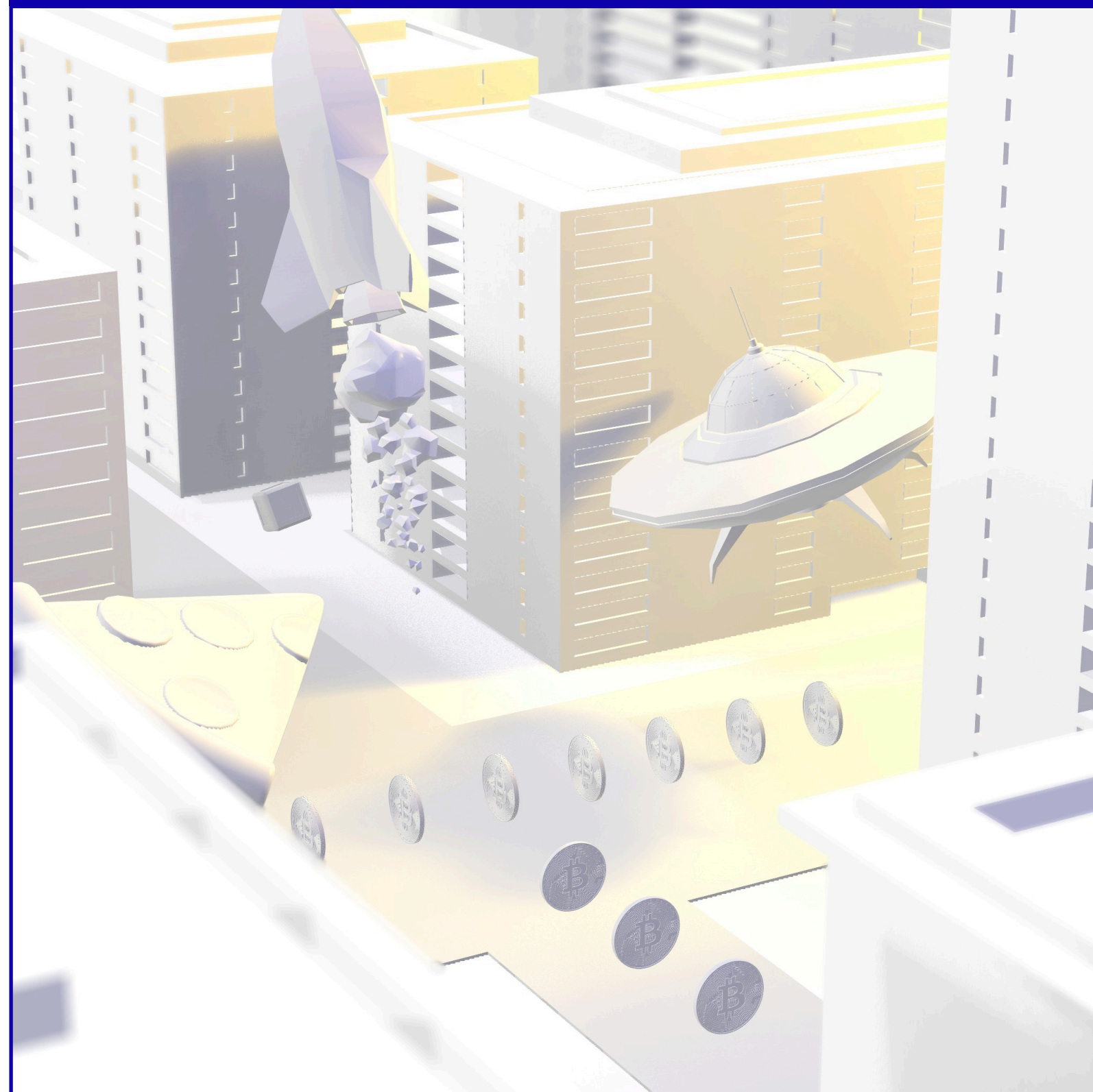
Communication



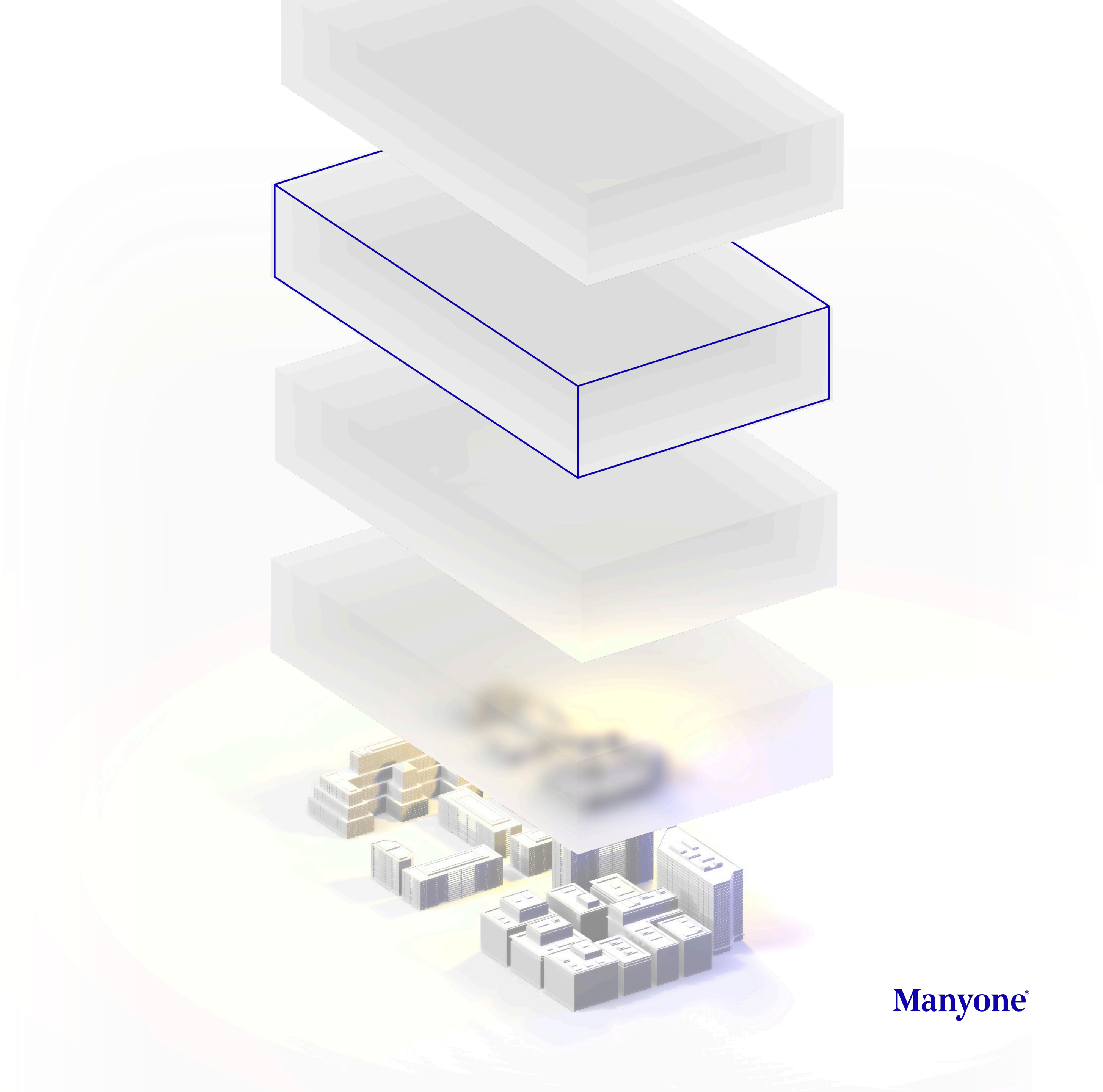
Layer example



Entertainment



Layer example



Normally the perspective is infrastructural.
I come from an industrial design
perspective (obviously they are
interlinked).

Are equally slow and take up as much space
Are equally slow and take up as much space



There are a lot of interesting new urban
solutions out there too

Horse transforming into the car

They kill more people per year than covid does.
Their replacement – electric and intelligent cars will
kill way fewer, but they are still very ineffective in
terms of space efficiency and safety.

Going from A - B

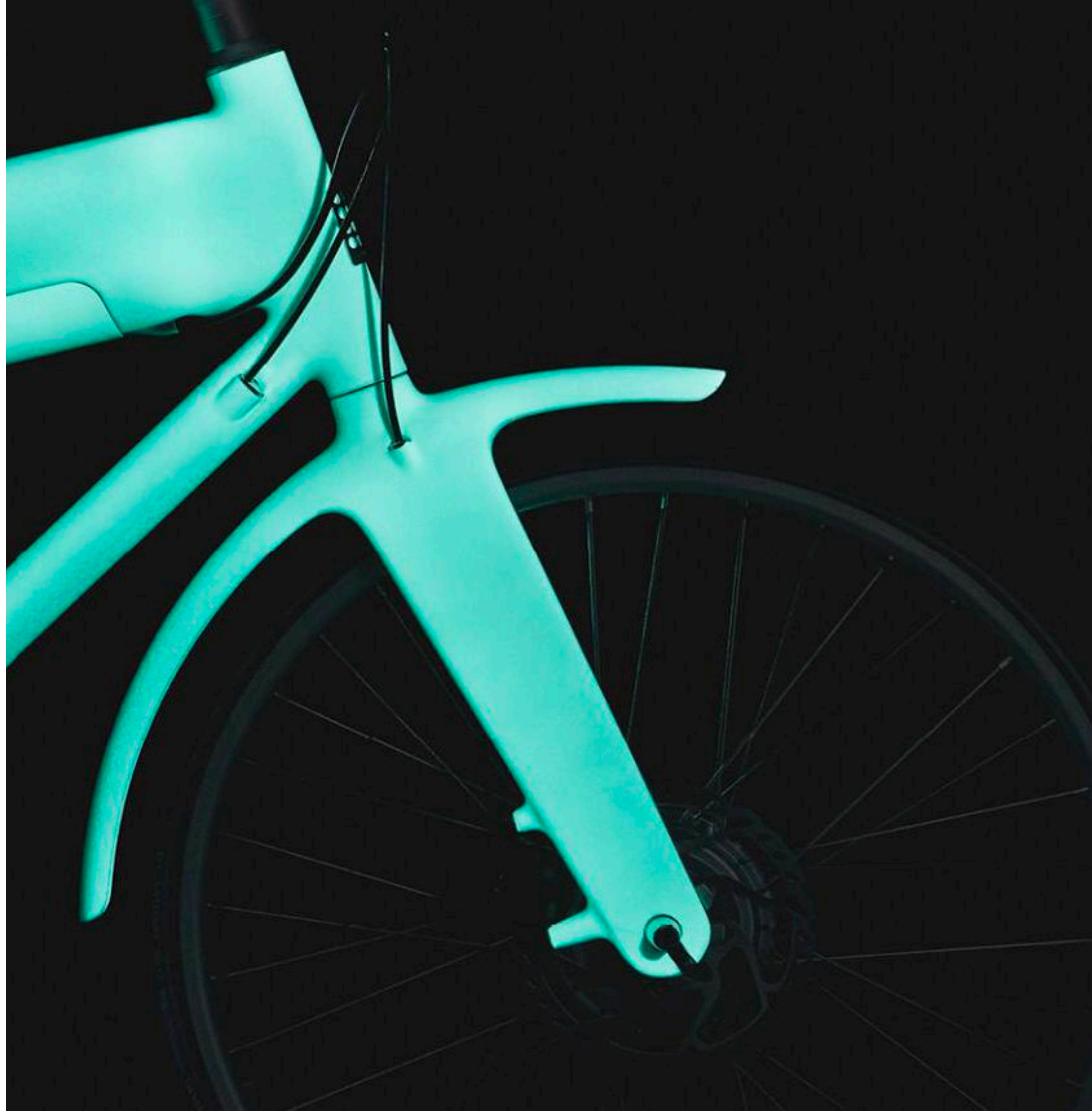
When it comes to objects that help you go from A to B there is very little consensus. The few things people can agree on are:

Without that no objects can be accessed.
But they are not an object per se, more like
the subject.

Cheapest, often fastest, healthiest, extremely space efficient and by far the most energy efficient. Much more so than walking and electric scooters too.

Problems of spread, uptake, temperature, safety and preexisting traffic.

Some of these issues are being solved by electric bikes. And if you had to pinpoint one single object that is disrupting urban mobility right now, it wouldn't be drones or EVs, but pedelecs.



Multimodal – This is something that all can agree on!

That does not mean any specific object, but any object that works – and preferably interlinked. Each city potentially has different economy, demography, topography, climate, infrastructure, culture etc.



Public
Transportation must
learn from private
sector

Meanwhile many objects are being invented:

Increased density means we are stuck in traffic and need alternative ways of getting around. To curb greenhouse emissions everything is being electrified. Geolocation, driverless technologies, new business models and decentral electric engines give us completely new possibilities.

There will be many turf battles...

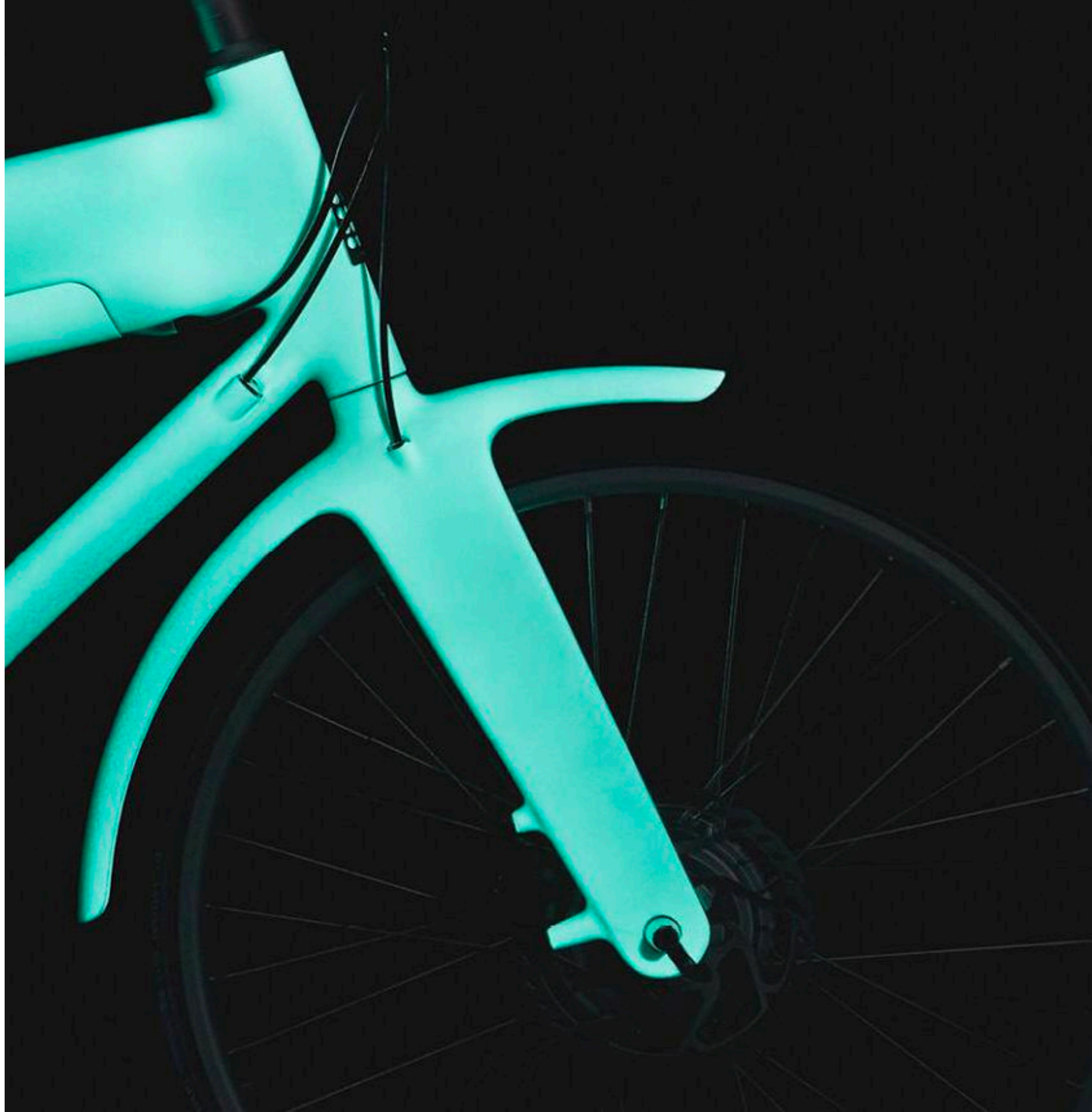
Helicopters
by eVTOLs.

This is not safe

Prone To hacking

Potential tools of terrorism

And very, very noisy



Trolleys by robots

Driverless cars
by driverless
busses

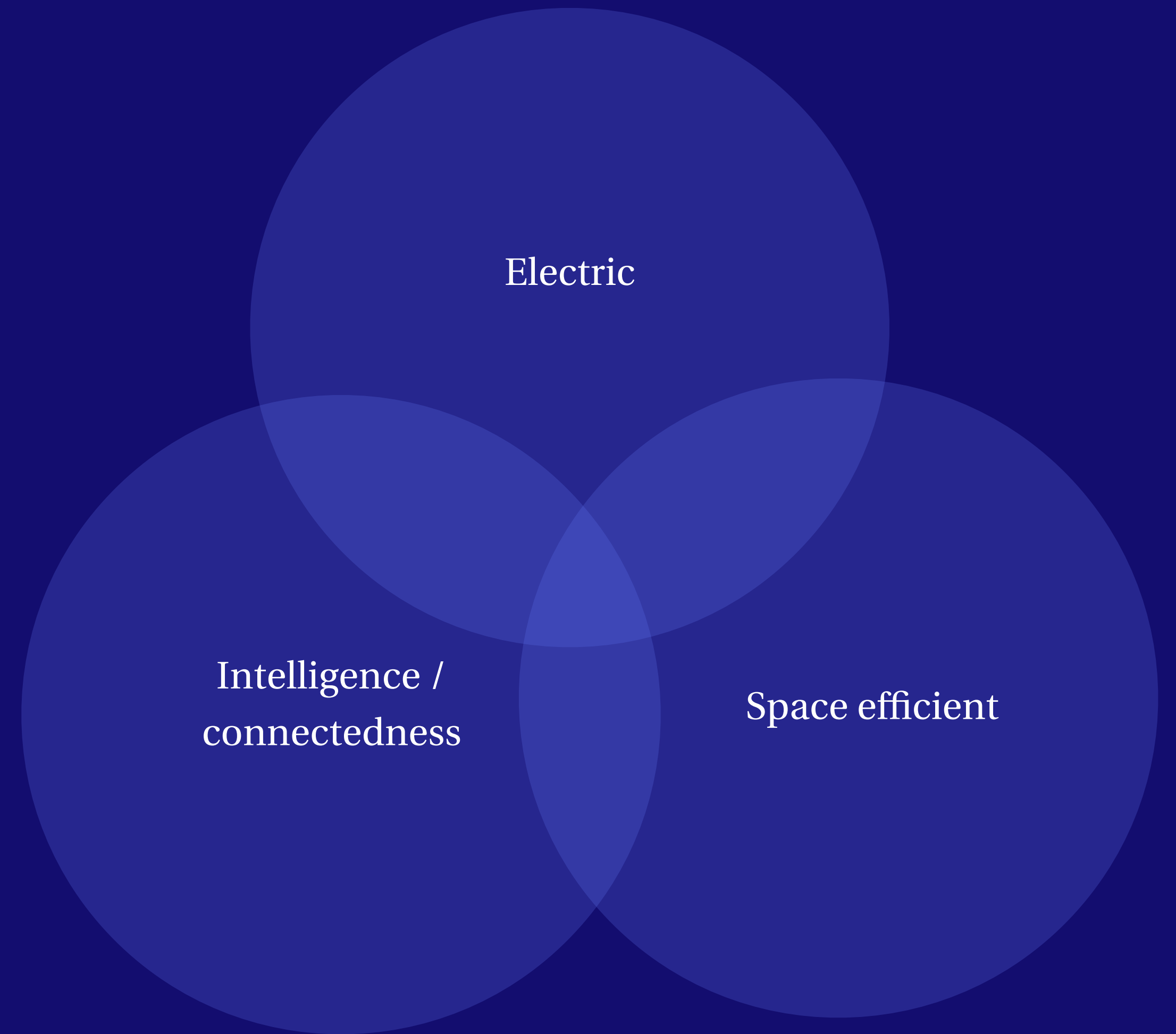


... by micro-cars

We don't know the future
modalities.

We don't know how the mobility
objects of the future will look like yet.

Here are the bits and pieces we do know:





We know that:

Asia
1 Billion

Africa
1 Billion



- In 2100 Nigeria will have 2nd largest population globally.
- Share taxis will be a dominant mode of transport.



We know that:



We know that:







In the next 40 years

We need to build as
much as the last 4000
years

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Vertical Horizontal

We're seeing how cities with big differences in altitude levels increasingly are adding unorthodox modalities that can level out those differences

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Courtesy FlyingCarFilm.com


New and old modalities
need to be vertically
enabled:



The Robot protocol



Elevated busses

A wide-angle landscape photograph. The foreground is a vast, flat field of dry, golden-brown grass. In the middle ground, a line of seven white wind turbines stands in a row. Behind them are rolling hills and mountains. The central mountain range has significant snow cover on its peaks and upper slopes. The sky is a clear, bright blue with scattered white clouds. The overall scene suggests a clean, renewable energy landscape in a high-altitude or mountainous region.

The next decade will only take
five years

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Today, it can seem as if the world has nothing but problems.

And more than ever the boundaries of those problems are expanding in terms of the speed, scale, and impact by which they can alter business conditions, public governance, entire societies, the health of our planet, and the quality of our lives.

Meeting these growing challenges requires ambitious new ways of designing solutions.

With *Expand: Stretching the Future By Design*, authors Jens Martin Skibsted, a multiple-award winning designer, entrepreneur, and design philosopher, and Christian Bason, political scientist and CEO of the Danish Design Centre, take readers beyond “design thinking” to challenge current habits and carve out new space for more sustainable innovation.

From transforming the ways we do business and reimagining health care, to creating planet-restoring housing and humanizing our digital lives in an age of AI, *Expand* explores how expansive thinking across six key areas—time, proximity, value, life, dimensions, and sectors—can provide radical, useful solutions to a whole host of current problems around the globe.

With powerful real-world examples, the book challenges our freewheeling belief in technological determinism and its insensitivity toward ethics, humanity, and the environment.

Expand is the first book to not just critique design thinking, but welcome it as a starting point for an ambitious, wide-ranging tale of how to expand and think beyond it.

The best way to predict the future is to design it. *Expand* is the book that shows us how.

CHRISTIAN BASON, PHD, is the CEO of the Danish Design Center, a foundation working to advance the value of design for business and society. A political scientist, he is the former Director of MindLab and former Business Manager at Ramboll, a global consultancy. He is the author of seven previous books on leadership.

JENS MARTIN SKIBSTED, Global Partner at Manyone, is a multiple award-winning designer, entrepreneur, and design philosopher. He is best known for his bike designs for Biomega and collabs with design superstars such as Marc Newson and Bjarke Ingels. His designs live in the collections at the MoMA, SFMOMA, and more.

MARKETING REQUESTS

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EXPAND

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EXPAND STRETCHING THE FUTURE BY DESIGN

JENS MARTIN SKIBSTED
CHRISTIAN BASON