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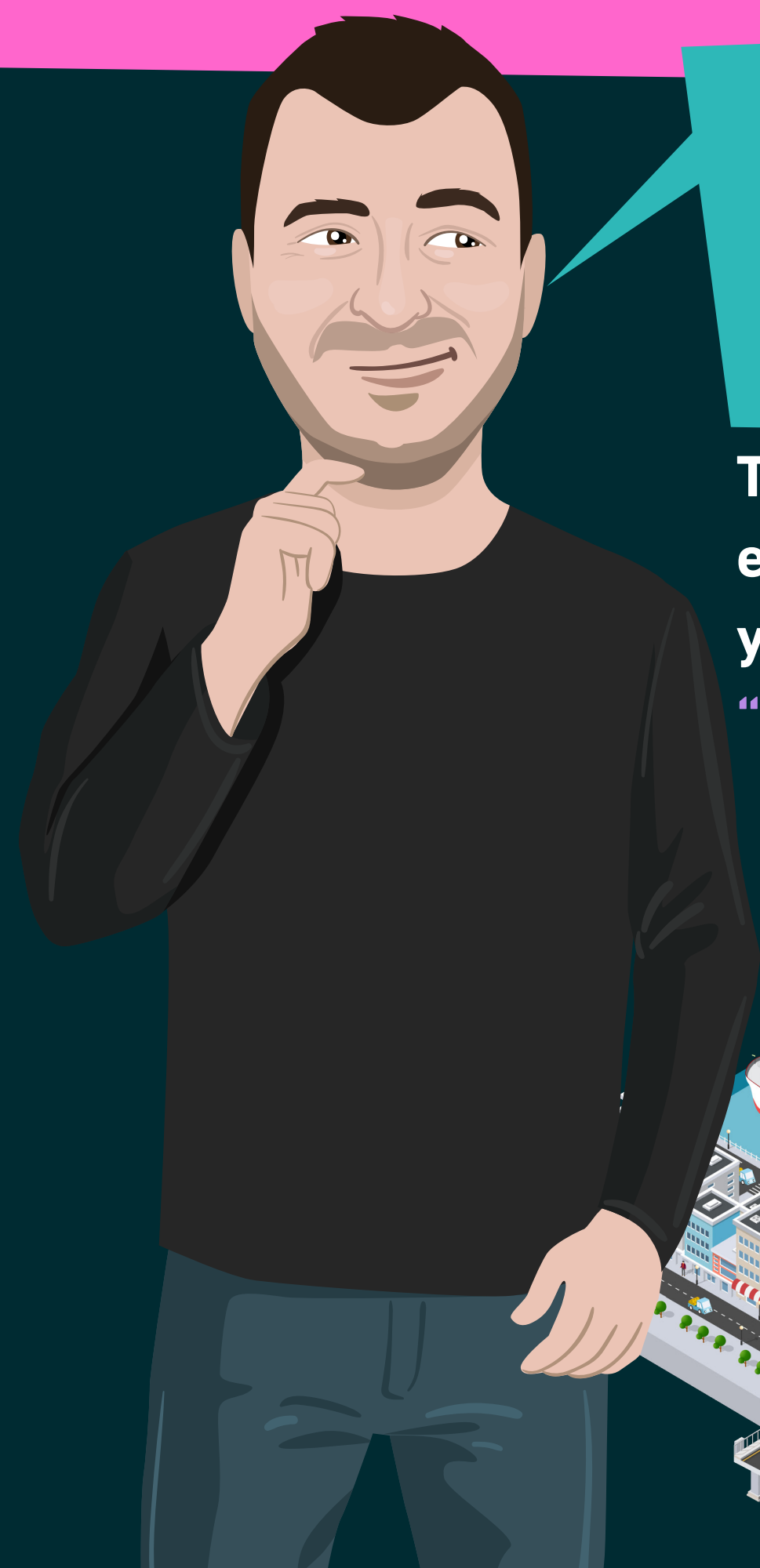
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WATER**

**Are we
experiencing
a shift of
paradigm?**

I know the question is overused but:

Some hydraulic engineers are turning their back at a century of hygienic ideology where Nature was sent outside of cities and rivers were channeled, buried, and sanitized

That is not a straight and easy line, though: first, you'll have to "prove the Science."



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Within REGREEN - a H2020 program - we involve 20 partners from Europe and China to show that nature-based solutions (NBS) can solve many urban issues!



**This actually happens
on two levels:**

**Proving that NBS can
one-to-one deliver the
same results as gray
infrastructure and hard
engineering**

**Quantifying NBS' welcome
side-effects, ranging from
climate change adaptation
to biodiversity recovery
through increased quality
of life in cities**



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To do so, REGREEN monitors 6 Urban Living Labs (ULLs)

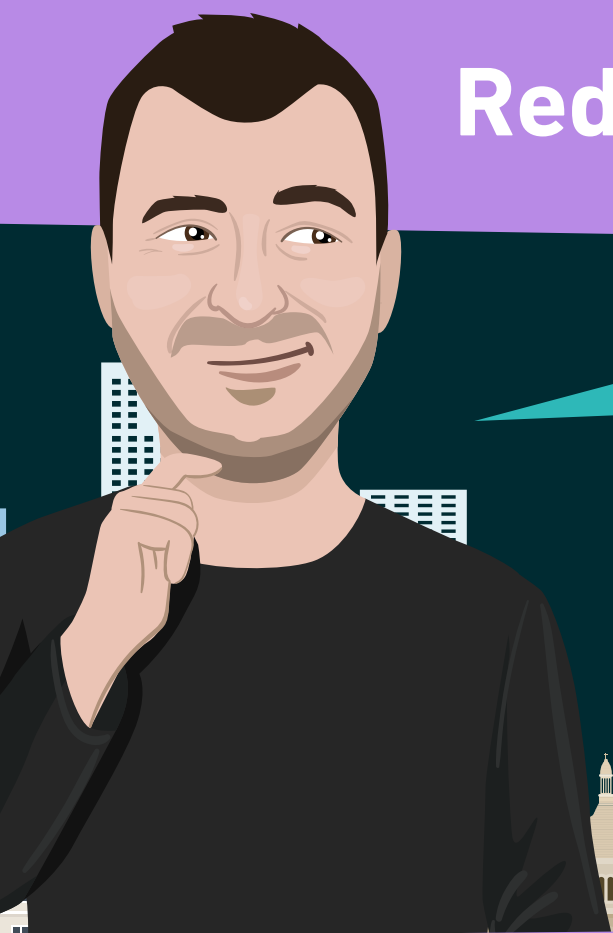
ULLs are usually a city or a province where all investigated layers apply, where we test novel ideas, methods, and tools.



The Paris ULL focuses on
two main challenges:

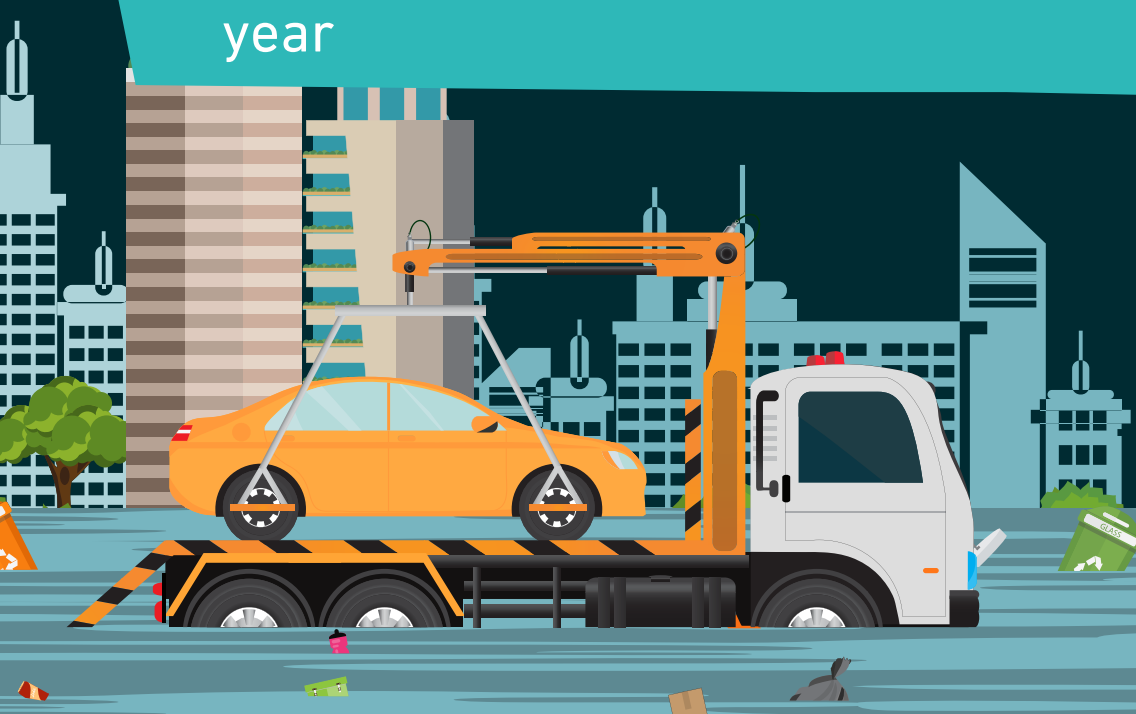
Reducing Urban Heat

The 2003 heatwave saw an 8-10 °C difference between Paris and the Countryside



Water Management

We're experiencing major flooding and run-offs while facing water shortages in other parts of the year



But above all, as all the challenges are deeply interlinked, evaluating nature-based solutions calls for a holistic approach.

For instance:

When you restore a river, you don't just manage the water and the run-off; you also provide a new recreation area and habitats for biodiversity

Sure, that doesn't come for free, as you need space and well-thought environmental engineering.

But in light of the benefits it unlocks, can we still afford to do otherwise?

We also covered:

- How Paris' international and domestic image may differ when it comes to ecology, biodiversity, and climate action
- How we shall move beyond the monetary quantification of nature-based solutions
- How we shall pave the way towards the economy of limits and biosphere, through economic and market incentives
- ... And how regulations may still be a surer way to complete the transformation than market incentives
- How there's a lot of technology in Nature's functions and processes, and how it's crucial to understand and grasp it
- How you will have to embrace uncertainty and accept that Nature rules overall
- But also Veblen Effect, Over-Confidence in Hard Engineering, Ecology beyond the buzzword, Carrying the message across and much more!

Don't miss a single bite: head over to dww.show!

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