

VTT CityTune® Energy

We know that urban energy solutions need to be built atop a solid science base. It is a collaborative process where engagement of different city stakeholders is a necessity. VTT CityTune® Energy makes the smart and sustainable energy easy!

For more details visit
www.vttresearch.com/smartcity

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VTT CityTune® Energy

Smart and sustainable
urban energy made easy



VTT CityTune® Energy delivers smart and cost-effective energy solutions for your city. We know that city planners, energy utilities and developers need to work together to enable low carbon cities of the future. Amazing solutions and shared benefits can be realized when state-of-the-art solutions are applied to local context together with different stakeholders.

VTT - as impartial research organisation - has proven track-record over the years in ecological, low-carbon district planning projects with the cities, energy utilities and developers. CityTune® Energy combines a solid science base with VTT's advanced energy research infrastructures and modelling expertise. It helps to realize fit-for purpose urban energy solutions for your city and assess their performance as part of the future energy system. Our solutions have solid basis: we measure, quantify and understand phenomena.

We offer solutions for urban planners, energy utilities and developers for new and existing districts.





How to translate the strategic targets of your city into smart and sustainable urban plans?

- Reach carbon neutrality goals by localising the city targets into a practical plan
- Assess the impacts of alternative plans, find optimal solutions
- Create good and affordable living environments for the citizens by smart energy solutions

How to ensure profitable energy business in the low carbon society?

- Discover the full potential of your existing infra in low carbon society
- Unleash new business opportunities through smart and flexible city energy solutions

How to introduce smart energy solutions in your development projects for the benefit of your customers, business and society?

- Deliver fit-for-purpose buildings to support creation of carbon neutral cities
- Find an optimal balance between energy-efficiency, renewable energy production and flexibility to deliver cost-efficient low-carbon buildings.
- Find an optimum between building-level and district level energy production, storages and flexibility.