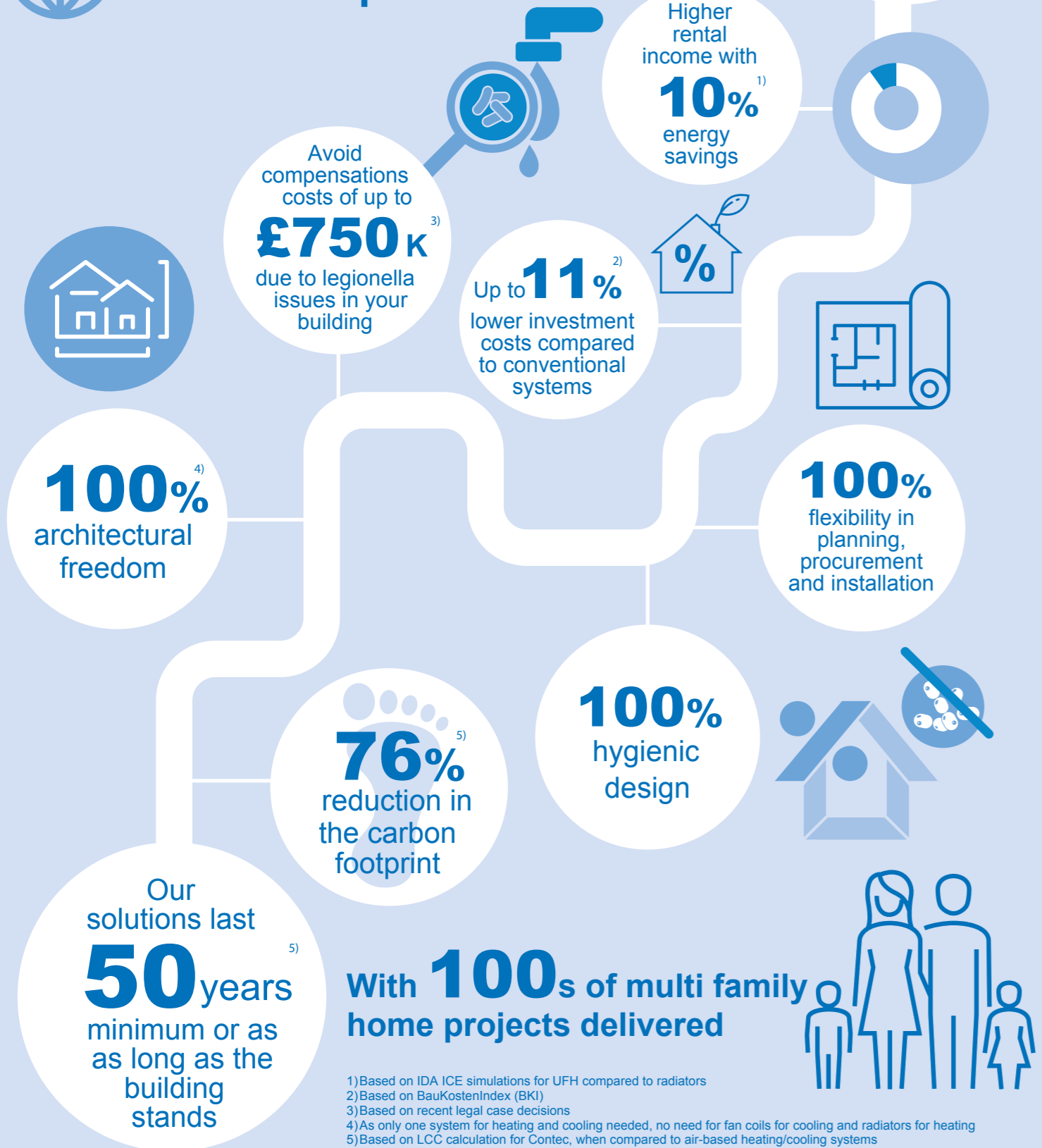




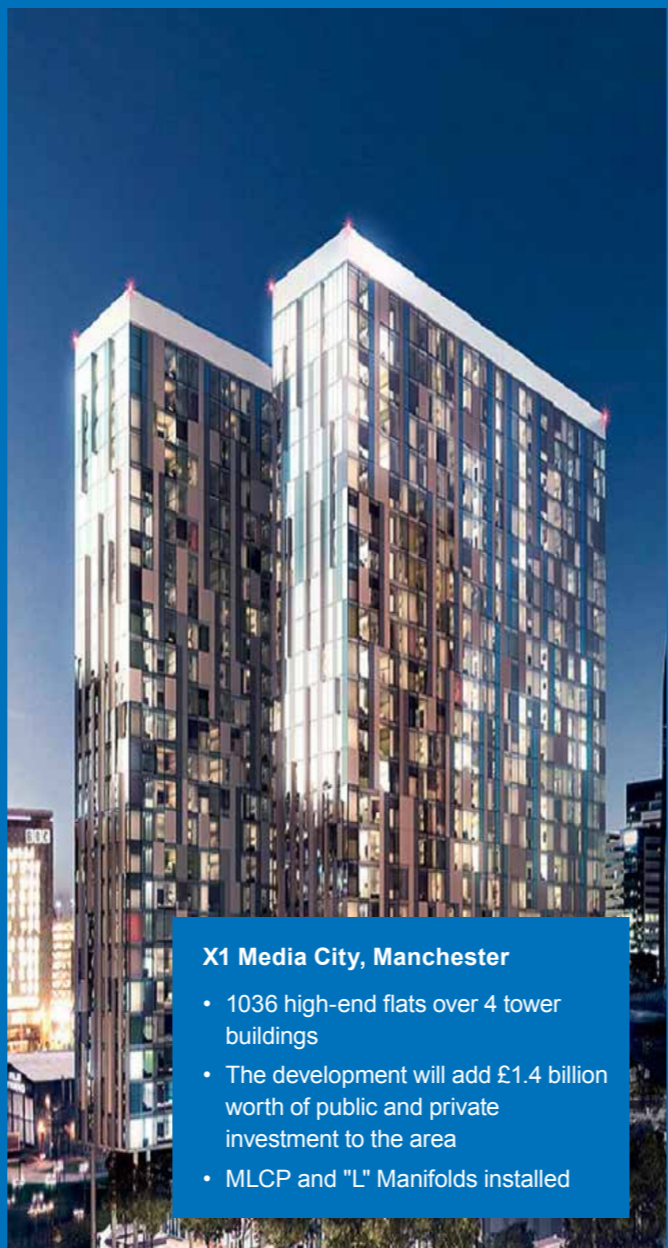
**No 1**  
worldwide expert  
for indoor climate  
and water  
solutions

**Modern multi-family-homes  
build on Uponor**



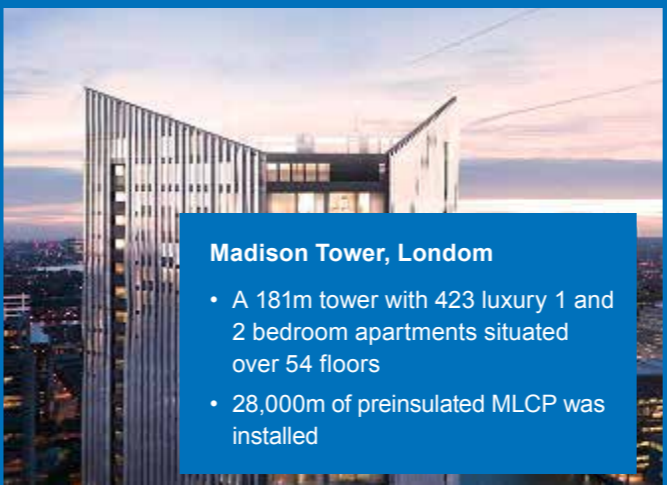
1)Based on IDA ICE simulations for UFH compared to radiators  
2)Based on BauKostenIndex (BKl)  
3)Based on recent legal case decisions  
4)As only one system for heating and cooling needed, no need for fan coils for cooling and radiators for heating  
5)Based on LCC calculation for Contec, when compared to air-based heating/cooling systems

**uponor**



**X1 Media City, Manchester**

- 1036 high-end flats over 4 tower buildings
- The development will add £1.4 billion worth of public and private investment to the area
- MLCP and "L" Manifolds installed



**Madison Tower, London**

- A 181m tower with 423 luxury 1 and 2 bedroom apartments situated over 54 floors
- 28,000m of preinsulated MLCP was installed



**Building renovation, Munich**

- Complete energy-efficient modernisation of 1,600 m<sup>2</sup> of living and office spaces
- Uponor radiant heating and cooling

**uponor**

**Modern multi-family  
homes build on Uponor**

Experience our complete solutions for multi-family homes – providing energy efficiency, drinking water hygiene and comfort



- Safe drinking water hygiene, independent from user behaviour
- Improved comfort balanced with energy consumption and user preferences
- Efficient water and energy distribution

**Uponor UK**  
The Pavilion  
Blackmoor Lane  
Watford, WD18 8GA  
T 01923 927000  
F 01923 927000  
1089197\_2019



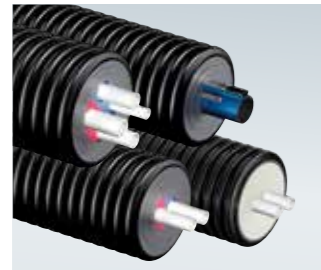
[www.uponor.co.uk](http://www.uponor.co.uk)



## 1 Connecting buildings for efficient energy distribution

### Uponor Ecoflex

A complete range of pre-insulated pipes for heating, cooling and water distribution. It combines excellent heat loss performance with high flexibility and easy installation.



### Uponor Heat Transfer Station

The stations are supplied with heat from the local or district heating network and indirectly transfer it to the building in a controlled way via a plate heat exchanger.



## 2 Efficient and safe supply of domestic hot water and energy

### Uponor riser installations

The Uponor multi-layer composite pipe system combines easy installation with certified safety features.



### Uponor Combi Port

For the decentralised supply of domestic hot water and energy for heating and cooling on demand. The prefabricated stations reduce installation time significantly.



### S-Press PLUS – the press fitting for Uponor composite pipe

With a reduction of pressure losses by up to 60%, as result of the Zeta value optimised fitting design, S-Press PLUS ensures an optimal flow rate at all points of use.



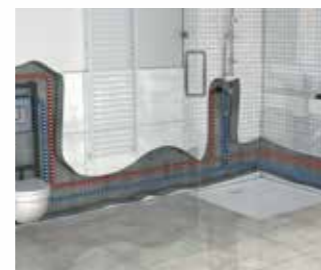
### Uponor Q&E Shrink-Fit

The revolutionary jointing system for PEX pipes. Installation can be conducted in a few short steps with a Milwaukee tool.



## 3 Stagnation prevention and smart monitoring

**Uponor Loop Installation**  
For comfort and the prevention of stagnation, This solution eliminates bacteria proliferation in the system – independent of single tap usages.



# Uponor solutions for multi-family homes



## 4 No noise from soil and waste

### Uponor Decibel

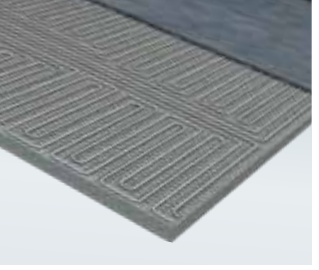
The modern silent soil and waste pipe system, combining innovative technology with sound insulation. The noise level is below 10 dB at a flow of 2 litres/second (acc. EN 14366).



## 5 Increased safety for outdoor areas

### Uponor snow and ice melt

Reliable systems for outdoor areas like driveways, emergency access roads, parking spaces and pedestrian areas. A less time consuming and expensive snow removal and salting process.



## 6 Energy-efficient and comfortable room temperatures

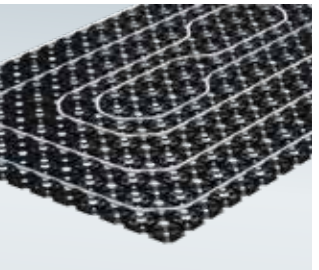
### Uponor Comfort Port

Custom-made, prefabricated manifolds for a time-saving installation.



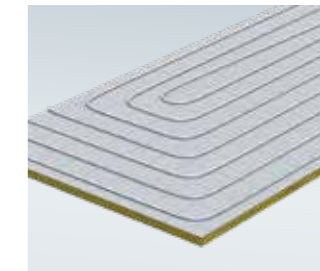
### Uponor Minitex

A fast-reacting wet installation system for levelling screed. Contains a construction height of only 15 mm.



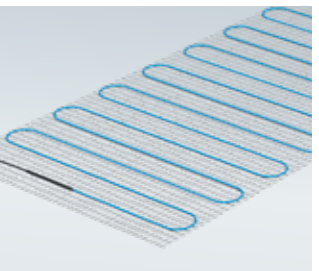
### Uponor Klett Silent

Sustainable radiant heating and cooling with improved step sound properties by means of mineral wool insulation.



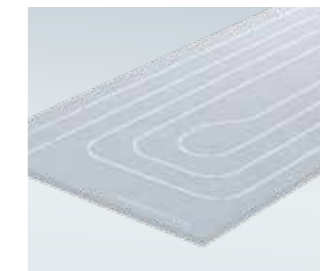
### Uponor Comfort E

An electric underfloor heating solution, which is easy to setup and quick to respond. Overall, Comfort E enriches everyday life,



### Uponor Renovis

The radiant heating and cooling system with integrated pipes and a low installation height. Ideal for retrofit walls and ceiling installation.



### Uponor Smatrix Wave and Smatrix Style

The elegant Uponor Smatrix Style thermostat determines the perceived room temperature. Combined with Smatrix Wave controls it provides optimal room comfort at a reduced cost via auto-balancing and full smart home functionality.



“With Uponor solutions, we increased the value of our building.”