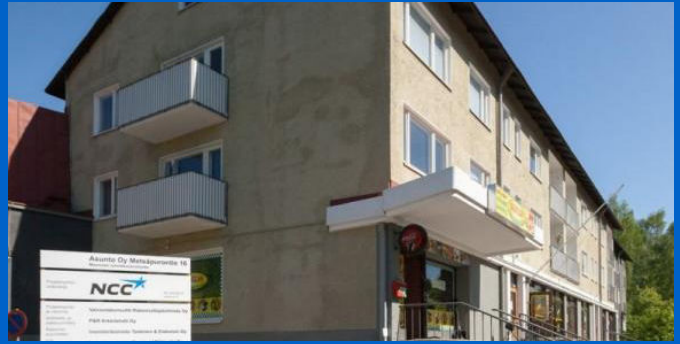


The joint renovation project in Maunula – cost savings through co-operation



Involucración Uponor



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In the Maunula district of Helsinki, an exquisite joint renovation project is under way. The project, begun in 2012, involves six housing companies. The modernisation of the building technology is being implemented with elements from the Uponor Cefo line, for renovation of water, sewer, and ventilation systems, coming to 1,350 elements in total.

Datos del proyecto:

Location	Finalización
Helsinki , Finland	2013
Tipo de edificio	
Vivienda en altura	
Dirección	Tipo de proyecto
Maunula	Renovation

Colaboradores

developer

NCC Rakennus Oy

Helsinki

Finland

specifier

Ins. tsto Granlund Oy

Riihimäki

Finland

contractor

Cefo-Elementit Oy

Finland

Six housing companies are taking part in the joint renovation project in Maunula. One of the companies, As Oy Säästötuki, was granted 'Plumbing Renovation of the Year' distinction for 2011, getting its contract phase completed in April 2011. Most of the properties covered by the renovation project were built in the early '60s, and the total number of flats in the buildings is 293. The renovation work for As Oy Säästötuki was the pilot for the project management contract that is now being applied for the contract of the main project. The timetable for the contract covers two years, with the project scheduled for completion in autumn 2013.

Development of the renovation method

The development of the joint renovation method was initiated by Maunula-Seura, the home-owners' association in Maunula. The main question at that time was whether it is possible for housing companies to order plumbing renovation jointly. The housing companies got assistance in joining their forces from the Ministry of the Environment.

The project in Maunula is directed by a joint renovation committee, for which each housing company nominated two representatives. The joint renovation committee chose the project director (building consultant) on the basis of competitive bidding.

The solution – the Uponor Cefo renovation range

The renovation will be implemented with products from the Uponor Cefo line: renovation elements for water, sewer, and ventilation systems. The main contractor is NCC Construction Ltd.

The Uponor Cefo renovation line is a modular solution in which the new pipes and building solutions are installed by means of prefabricated elements. Uponor Cefo elements are assembled completely in the factory. The element is composed of a steel corner supporting sewer and water piping enclosed in refractory insulation. Factory pre-fabrication enables substantially shorter renovation work time and significant cost savings in the housing company.

For the ascending lines of the water supply, Uponor composite piping is used, because it is corrosion-resistant, no matter the



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Uponor Hispania, S.A.U

Avda. Leonardo da Vinci 15-17-19
Parque Empresarial La Carpetania
28906 Getafe (Madrid)
Spain

Teléfono +34 91 685 36 00
Email servicioalcliente@uponor.com
W www.uponor.com