

Christer Finne

D. Sc., M. Arch SAFA, R&D Director
The Building Information Foundation RTS

Runeberginkatu 5, P.O.B 1004, FIN-00101 Helsinki, Finland
Phone + 358 207 476 302
Fax + 358 207 476 320
E-mail christer.finne@rakennustieto.fi
Internet: www.rakennustieto.fi , www.rts.fi
LinkedIn: <http://fi.linkedin.com/pub/christer-finne/0/90/415>

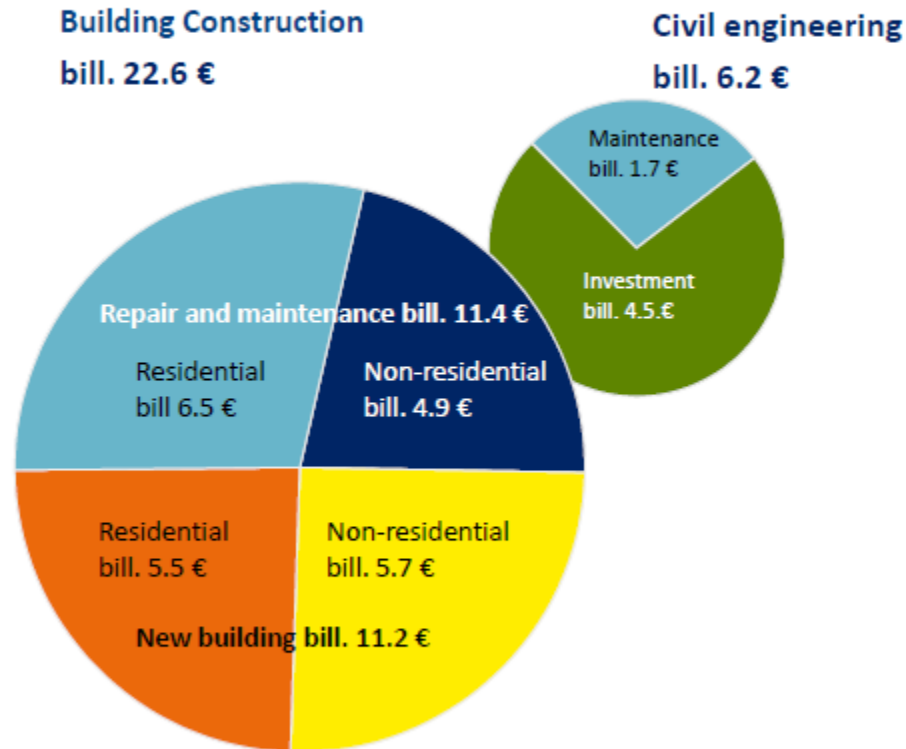


Recent Activities in Rakennustieto



Construction Sector Output in 2013

Total bill. 28.8 €

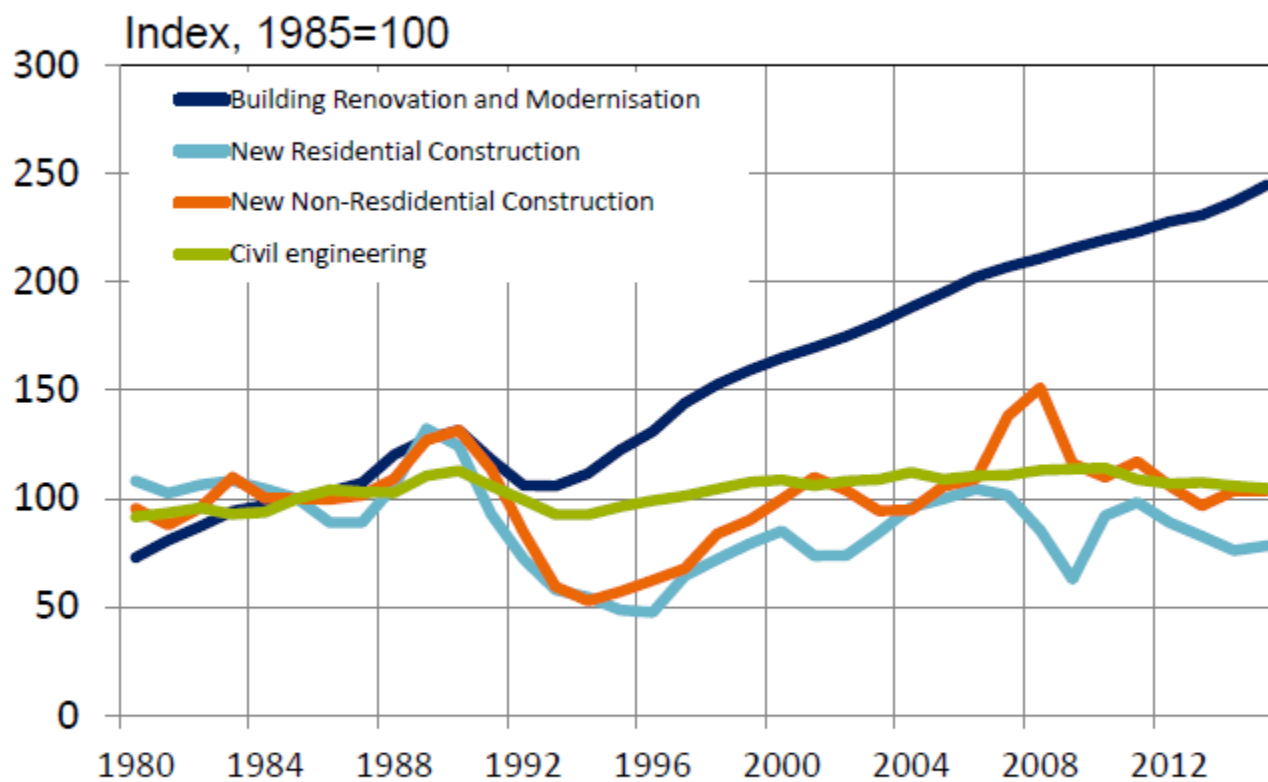


Source Forecon Oy

Confederation of Finnish Construction Industries

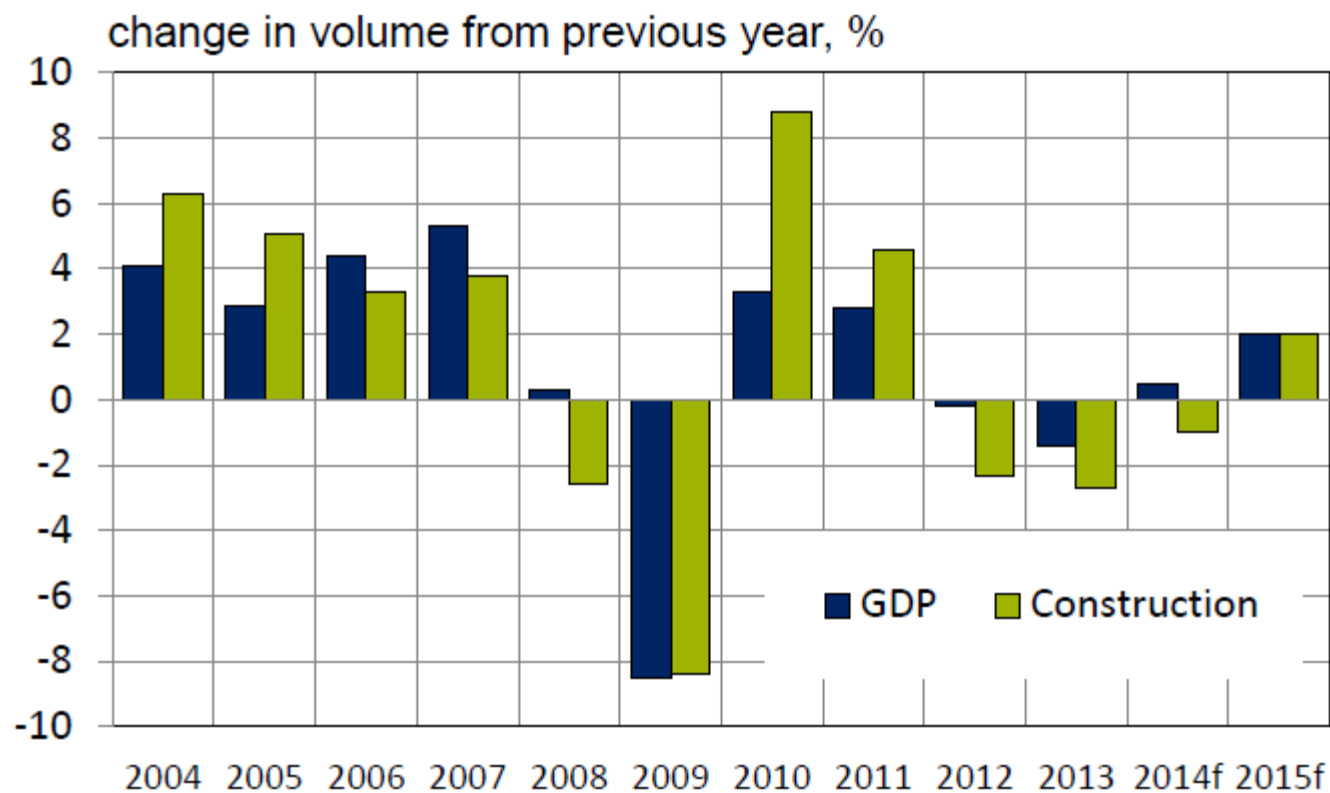
15.4.2014

Construction Volume



Source: Euroconstruct (VTT)

Gross Domestic Product and Construction



Source: Statistics Finland, RT

Impact of Construction

- 40 % of Energy Consumption
- 40% of Green House Gases
- 17% of water consumption globally
- 25% of harvested trees globally
- 40 % of material flow

- 23 % of GDP
- 22 % of employment
- 70 % of National assets
- 55 % of Investments
- 10 % of Export income, strongly positive
- 1 € into construction yields 32 € in taxes and various fees

- 60% of the assets of private households
- 70 000 housing companies/cooperative apartment/condominium houses. 50% are run by professional managers. In them 600 000 apartments
- 1 million detached houses

- Energy consumption down
 - 20% by 2017
 - 80% by 2050
- Today only 50 % of all buildings 2050 are built

- >50% of the builders will be retired by 2020

[Click for Statistics](#)



RAKENNUSTIETO

Improving the quality of construction
and property management

Building Information Group

- Building Information Foundation RTS
 - Private foundation, Founded 1972 (-42, -32)
 - Not-for-profit, 50 members
 - Owner and R&D unit
 - Advisory panels, approx. 400 persons/year
- Building Information Ltd
 - 63 persons, 8,3 M €
 - Company is 100% owned by the Foundation
 - Book Shop In Helsinki
- Subsidiaries abroad
 - Tallinn (Estonia), St. Petersburg (Russia)
Independent local companies with local staff

INFRASTRUCTURE

'When we are designing a new bridge, I use InfraRYL to check the relevant quality standards in the final stage of the project. It's also helpful for preparing construction plans. Finding information with the electronic version of InfraRYL is quicker and easier than using books.'

Petri Kela, DI, professional in bridge construction technology

SELF BUILD AND HOME RENOVATION

Reliable information helps to ensure the successful completion and high quality of self-build and home-renovation projects. Our manuals, contracts and document templates make the planning and completion of self-build and home-renovation projects easier.

PROPERTY MANAGEMENT

'The project templates available on KH Net are indispensable to both new and experienced professionals. They cover everything from project planning to warranty inspection, with administration, contracts, and technical aspects all covered.'

Anita Pietikäinen, office and property manager



INFORMATION
ON ALL
ASPECTS OF
CONSTRUCTION

BUILDING AND STRUCTURAL DESIGN

'I use RT Net regularly at various stages of my design projects. The information sheets and regulation details are useful for calculation of dimensions in the planning phase, while the product sheets are really helpful in the working drawing stage.'

Maja Haltia, architect (SAFA)

BUILDING SERVICES ENGINEERING

'LVI Net saves me time because I can get all of the relevant up-to-date instructions, regulations, and standards from the same place. Our company doesn't need a separate library for this purpose.'

Tiitta Vitals, HVAC designer and technician

INTERIOR DESIGN

'The guidelines on the SIT Net and RT Net Web sites set out the minimum requirements for all our designs. I use these services especially for checking issues related to dimensions, structures, and instructions.'

Martta Suurpää, interior architect (SIO)

CONSTRUCTION CONTRACTING

'The information on material consumption and methods to be used on Ratu Net provide an easy way to remind everyone about the correct, safe work practices that guarantee the best possible results.'

Heikki Suorsa, managing director and construction engineer

INFORMATION SERVICES FOR PROFESSIONALS

The Building Information Group's information services offer independent advice and provide guidelines and information on current regulations and quality standards for the construction and property management sectors. The Information Service websites also provide service-specific features and specialist tools for professionals.



Infra Net – consistent guidelines for infrastructure construction



RT Net – the largest and most comprehensive source of information on planning and good construction practices in Finland



KH Net – information for preventive maintenance and well-organised property management



LVI Net – guidelines for good building services engineering practices, HVAC



Ratu Net and Ratu handbooks – comprehensive information package for construction contracting and planning



SIT Net – information and tools for interior-design professionals

MEDIA SERVICES

The Construction Products (RT Tuotetieto) service is a link between material and equipment manufacturers and professionals in construction and property management. The service is available via the Building Information Group's information services and the RT Tuotetieto Web service.

M1 Classified Products

- The Emission Classification of Construction Materials
- The Purity Classification Operations of Ventilation Products



WEB SERVICES AND PROGRAMS FOR PROFESSIONALS



Sopimuslomake Net – document templates for easy creation of contracts



Klara Net – resources for reliable cost estimates and preparation of contract tenders



RT Tuotetieto – Finland's most comprehensive search engine for building products



ALISA – efficient project management and invoicing tools for architects and designers



MX6 Energia – an application for calculating and improving energy efficiency



Ralku2 – tools for infrastructure cost and tender estimates

BOOKS

For professionals and students

- practical guides, handbooks, research reports, and textbooks
- international architecture books
- annual publications on cost estimates and Rakentajain Kalenteri ('the Builder's Yearbook')

For self-builders

- user-friendly guides to building, renovation, decoration, and cost estimation

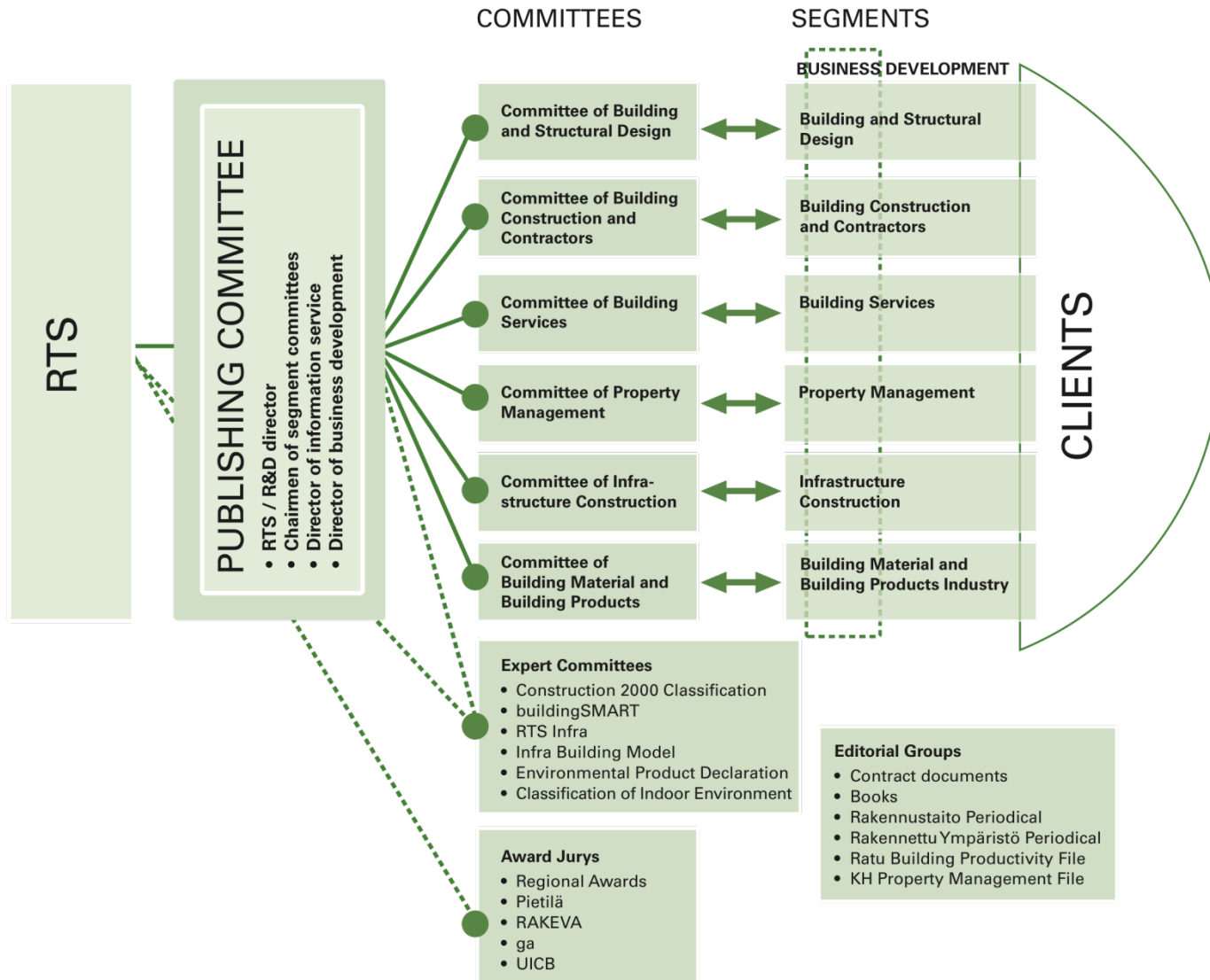


RY RAKENNETTU YMPÄRISTÖ (RY BUILT ENVIRONMENT)

A professional journal focusing on the practical aspects of town planning, enforcement of building regulations, and protection of the environment.



COMMITTEE WORK OF BUILDING INFORMATION



Rakennustieto Oy

	2013	2012	2011	2010	2008
Turnover(M€)	8,32	9,16	9,1	9,5	10,5
Staff	67	76	80	84	93

Building Information Group

- **NEWS**

- New CEO: Pasi Hulkkonen
- Exhibition closed
- Periodicals Unit closed
- Local Building Centres closed
- New modern Premises

- **Essential Development efforts at present**

- RYL for HVAC
- RYL for refurbishment and renovation
- Product Information
- Branding

- Modelling Guidelines for Infra (13 series)
- Modelling Guidelines for Building Permits (COBIM 14)
- Inframodel3 Data Exchange format into buildingSMART
- buildingSMART growing fast (94 members)



Käyttöliittymä näkökulma

Infra	LVI	SIT
Ratu	KH	RYL
Ulkopuolisten tuottamat tuotteet	RT Esteettömyystieto	

RT Sopimusasiakirjat	Kiinteistönpidon lomakkeet	RT Kuluttajaasiakirjat
Sähköinen Ratu työmaapäiväkirja	Sähköinen Infra työmaapäiväkirja	

Verkkokauppa	Kirjakaupat	Kirjat
Ra... tiet	Lehdet	uis- ppa

Klara	MX6 Energia-ohjelma	ALISA
Raiku 2	Ulkopuolisten tuottamat tuotteet	at ut

RT Tuoteseloste	RT Tuotekortti	
Ilmoitukset	Bannerit	tteet
RT Esteettömyystieto		

Kiinteistöjen omistaminen	Suunnittelu	Lupa-asiat	Sopimukset ja tarjoukset	Rakentaminen	Käyttö ja ylläpito	Korjaus- ja muutosrakentaminen	Hävittäminen ja kierrätys
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A FULL-SERVICE INFORMATION AND MEDIA COMPANY FOR THE CONSTRUCTION SECTOR

– WE PROMOTE GOOD PLANNING, CONSTRUCTION, AND PROPERTY MANAGEMENT PRACTICES IN FINLAND –

The Building Information Group comprises Building Information Foundation RTS and Rakennustieto Oy (Building Information Ltd), which is fully owned by the Foundation.

Building Information Foundation RTS is an independent organisation whose aim is to promote good planning, construction, and property management practices. The foundation produces tools and resources for construction industry management and quality assurance work in collaboration with professionals and customers.

Rakennustieto Oy converts the available information into information products that promote good practices and publishes them in forms that are accessible to its customers: instructions, contract templates, handbooks, and computer programs.

THE BUILDING INFORMATION GROUP – AT YOUR SERVICE

Building Information Foundation RTS and Rakennustieto Oy
Malminkatu 16 A, FI-00100 Helsinki, Finland | tel. +358 207 476 400

Building Information Tampere | tel. +358 207 476 497

www.rakennustieto.fi

BOOKSHOPS AND ONLINE SHOP

Bookshop Helsinki
Runeberginkatu 5 | tel. +358 207 476 366

Bookshop Kuopio
Kauppakatu 40–42 | tel. +358 207 476 494

www.rakennustietoshop.fi | www.oppitieto.fi

Estonian Building Centre | ET-INFOkeskuse AS
Rävala pst. 8 c, EE-10143 Tallinn, Estonia | tel. +372 6 604 535
www.ehituskeskus.ee

St. Petersburg Construction Centre Ltd (PCC)
Torzhkovskaya ul. 5, 197342, St Petersburg, Russia
tel. +7 812 324 9997 | adm@infstroy.ru
www.infstroy.ru

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