



# Project Cluster “LIFETIME”

Cluster “LIFETIME” consists of five EU Growth programme projects, with objective to integrate the knowledge of partners of these projects for advancing the work and results of all projects, and to produce an integrated and generic “European Guide for Lifetime Design and Management of Civil Infrastructures and Buildings”

## Objectives:

- to integrate the knowledge of partners of these five projects for advancing the work and results of all projects
- to co-operate in similar tasks in order to avoid parallel overlapping work and parallel results
- to integrate the Information Networks through linking between these three projects
- to create and deliver a continuously updated database of produced models for later European exploitation
- to contribute the development process in practical application of Lifetime Design and Management on different sub areas and by different owners
- to produce an integrated and generic “European Guide for Lifetime Design and Management of Civil Infrastructures and Buildings”

## Cluster “LIFETIME” Projects:

### “LIFECON”

“Life Cycle Management of Concrete Infrastructures for Improved Sustainability”

Coordinator: Prof. Dr. Asko Sarja, VTT Technical Research Centre of Finland, FINLAND, asko.sarja@vtt.fi, asko.sarja@innokas.com

### “EUROLIFEFORM”

“A Probabilistic Approach for Predicting the Life Cycle Cost and Performance of Buildings and Civil Infrastructure”

Coordinator: Prof. Phil Bamforth, Taylor Woodrow Construction Ltd, UNITED KINGDOM, phil.bamforth@btopenworld.com

### “INVESTIMMO”

“A Decision Making Tool for Long-Term Efficient Investment Strategies in Housing Maintenance and Refurbishment”

Coordinator: Dr. Dominique Caccavelli, CSTB Centre Scientifique et Technique de Bâtiment, FRANCE, caccavelli@cstb.fr

### “LICYMIN”

“Life Cycle Assessment of Mining Projects for Waste Minimisation and Long Term Control of Rehabilitated Sites”

Coordinator: Prof. Dr. Sevket Durucan, Imperial College of Science, Technology and Medicine, UNITED KINGDOM, s.durucan@imperial.ac.uk

### “CONLIFE”

**References:** “Life-time Prediction of High Performance Concrete with Respect to Durability”

- Thematic Network LIFETIME, Coordinator Asko Sarja, VTT, Finland, asko.sarja@vtt.fi
- Sarja, Asko, *A process towards Lifetime Engineering in the 5th and 6th Framework Programme of EU*. 2nd International Symposium ILCDES 2003, Integrated Lifetime Engineering of Buildings and Civil Infrastructures, December 1-3, Kuopio, Finland. Symposium Proceedings, ISSN 0356-9403, ISBN 951-758-436-9. Association of Finnish Civil Engineers, RIL. Helsinki 2003, pp. 7-15.



## Cluster “LIFETIME” management group:

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- Prof. Phil Bamforth, Taylor Woodrow, United Kingdom
- Dr. Dominique Caccavelli, CSTB, France
- Prof. Dr. Sevket Durucan, ICSTM, United Kingdom
- Prof. Dr. Max J. Setzer, Universität Essen, Germany

## Cluster “LIFETIME” projects:

- LIFECON (Coordinator VTT, Finland)
- EUROLIFEFORM (Coordinator Taylor Woodrow, UK)
- INVESTIMMO (Coordinator CSTB, France)
- LICYMIN (Coordinator ICSTM, United Kingdom)
- CONLIFE (Coordinator Universität Essen, Germany)