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# Systems Engineering and Project Management in Architectural design and Construction at Postwar Countries

Lulzim Beqiri

*University for Business and Technology, lulzimbeqiri@gmail.com*

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**Systems Engineering and Project Management in Architectural design and construction at post war countries.**  
**Case Study- Centre for Artificial Insemination in Arbanë (Vitomirice) Peja Region. R. of Kosova**

Lulzim Beqiri, PhD Candidate<sup>1</sup>

*Vienna University of Technology, Vienna; Austria*

<sup>1</sup>*University for Business and Technology, Faculty of Architecture and Spatial Planning  
lbeqiri@ubt-uni.net; lulzimbeqiri@gmail.com*

**ABSTRACT.** *This paper presents the relation and involvement of project management and systems engineering in construction projects implemented in post war countries.*

*The process of design, construction and investment in creating an architectural structure in Kosova hasn't applied elements of systems engineering.*

*The design and construction from the investor's perspective are yet being developed individually.*

*This paper aims to bring the model of project management and systems engineering based on case study experience in order to introduce the modern approach to the design and construction and facilitate the implementation of any construction project.*

*Furthermore this model was designed based on best practice presented through recent edited books and papers in the field of Systems engineering and Project management.*

*The model presents the initiative for design and construction process in Kosova toward system thinking and systems approach that will generate values in construction industry in Kosova.*

*This model could also be applicable in the post war transitional countries considering that this case study identifies gaps in the project management and as such assists in building modelling and construction.*

**Key words:** *project management, systems engineering, design, construction*