

# **Project NEWS**

electronic-newsletter, October 2016

### **Professional Service**

Information and service for building professionals as architects, construction companies and craftsmen.

## **Users of Schools**

Information and service for school users like pupils, teachers, caretakers and principals.

Good indoor climate -> health and well-being!

### Owners of schools

The school owners and financiers like municipalities, local, regional and national governments or companies managing them.



# SCHOOL'S TECHNICAL SIGNPOST

Technical signpost is the collection of the best performing technological solutions that can be applied in school buildings and kindergartens, which use timber façade and undergo renovation. The technical signpost should guide future renovations recommending the solutions that will reduce risks, avoid negative consequences that are robust, tested and verified. The guidance included in the technical signpost is expected to increase the rate, at which schools and kindergartens are renovated. See full document  $\geq \geq$ 

Check out description of advanced renovation technologies >>



### SCHOOL'S FINANCIAL SIGNPOST

In this document one can read about: description of methodology and means used to learn from practice of frontrunners, overview of the general findings, then about the financing methods in the Renew School frontrunners, conventional practice and wider available financing opportunities for sustainable school renovation. Furthermore, about the key findings on the cooperation models and action chains (process) as well as key findings on using timber prefabrication technology. Aim is to be a useful guide to school building owners and stakeholders. Download full document  $\geq \geq$ 



# LESSONS LEARNED FROM FRONTRUNNER BUILD-INGS

This document focuses on the lessons learned from the renovation/construction process, interviews with the decision makers and from what we learned about the visits of the frontrunners. Monitoring data of the building's operation, interview and questionnaire results as well as user feedback available before, during and after the renovation/construction process are used to compile the lessons learned documentation.

Document with lessons learned from technical solutions, financing and cooperation  $\geq >$ 

Database with map and description of all 19 frontrunners >>



### THE OWNERS' AND INDUSTRIES' NEEDS REPORT

Our main research question was: Which triggers and obstacles for market uptake of the "Renew School method" (Renovation of School Buildings with prefabricated modules) can be detected from the perspective of three stakeholder groups in the renovation of school buildings: the users, the owners and the construction and building industry.

Our goal was to have as a result a S.W.O.T. analysis of this method for renovation of school buildings with prefabricated (wooden or partly wooden) modules from the perspective of the three stakeholder groups mentioned above. See full report >>

You are kindly invited to participate in the survey >>



### RENEW SCHOOL VIDEO

Watch our Renew School video on Youtube or on our project website www.renew-school.eu. You can set subtitles in English, German, Slovenian, Dutch and Polish. Soon it will be possible to set the subtitles in all project partner languages.

Video in English >>
Video in German >>



# **UPCOMING EVENTS**

Announcements about the technical events for professionals

- 14 November 2016, Graz/Austria, Renew School training: Zukunft Fassade.
   More Information >>
- W•E•B•I•N•A•R
  - 15 November 2016, Renew School Webinar:

High quality school renovations with prefabricated wooden components - solutions, real examples and analysis through Europe. <u>Further Information</u>  $\geq$ >

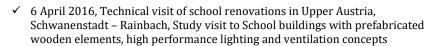
- 16 November 2016, Oslo/ Norway:
   Trearkitektur 4th National conference on wooden architecture. More Information >>
- 16 November 2016, Warsaw, Poland: RENEW SCHOOL Technology Talks during Warsaw Build 2016. <u>Further information >></u>
- 29 November 2016, Graz/Austria:
   Strategieforum Neue Pädagogik verändert auch die Schulgebäude, Programme >>
- **13 December 2016, Glostrup, Denmark:** Renew School training session on Lowenergy ventilation with focus on schools. <u>More information >></u>
- 6 February 2017 RENEW SCHOOL Final conference in Graz Austria





List of past events for professionals >>

- ✓ 27 January 2016, BauZ! Vienna Congress on Sustainable Building, Vienna, Austria "New stuff from old buildings – Rehabilitation, conversion, recycling"
- ✓ 2-3 March 2016, Urban future conference in Graz/Austria, Workshops and lectures on Renew School methodology



- ✓ 26 April 2016, RENEW SCHOOL Project for secondary school in Warsaw, Poland. Report >>
- ✓ 5 May 2016, Technical visit of School project in elementary school Louis Adamic Grosuplje Slovenija. Report >>
- ✓ 10 May 2016, RENEW SCHOOL SME Training event, Zagreb, Croatia. Report ≥≥
- ✓ 12 May 2016 RENEW SCHOOL SME Training event, Graz, Austria. Report >>
- √ 13 May 2016RENEW SCHOOL Workshop for Architects, ZAPS, Slovenia.

  Report >>
- ✓ 25 May 2016, World Congress CLIMA 2016 RENEW SCHOOL Technical Session, Aalborg Denmark
- environment", Lyngby Denmark. <u>Report >></u>

26 May 2016, Workshop "Deep retrofit of school buildings for better learning

- ✓ 26 May 2016 27 May 2016 RENEW SCHOOL Consortium Meeting Copenhagen. Report >>
- ✓ 9 June 2016, The Expert-day about HVAC-systems, Gent, Belgium
- ✓ 13 June 2016, RENEW SCHOOL Training Energy-efficient schools "4 Workshop", Rostock, Germany
- ✓ 16 June 2016, RENEW SCHOOL Technical workshop, Vienna, Austria. Report
  >>
- ✓ 30 June 2016, RENEW SCHOOL Technical workshop, Zugliano, Italy: Report >>
- ✓ 7 September 2016, RENEW SCHOOL Technical workshop Prefabricated wood modules in renovation of schools. Report >>
- 26 September 2016, RENEW SCHOOL SME Training, Warsaw, Poland. Report
- ✓ 4 October 2016, RENEW SCHOOL Technical visit Steiermark/Kärnten, Austria
- ✓ 7 October 2016, Workshop "Energy efficiency: a challenge for municipalities", Padua, Italy. Report >>
- ✓ 11 October 2016, Workshop on energy-efficient schools, Stuttgart Germany. Info >>
- ✓ 13 October 2016 STUDY trip MODULAR SCHOOL RENOVATION, Antwerp Belgium. Info >>
- ✓ 14 October 2016 RENEW SCHOOL Consortium meeting in Antwerp, Belgium. Report >>





















# "DIVERSITY IN SCHOOL DESIGN" PLATFORM Pedagogic architecture as a chance for energetic school ren-

With the foundation of LernLandSchaft® («LearnLandScape») 15 years ago Karin Doberer established an institution that combines building architecture and pedagogic architecture. In an interview she explains, what potential is useable for contractors and the role of the planning process. High-value school renovation does not necessarily cost more money, however, needs a completely different planning process! Please find the related article in ENGLISH and GERMAN language >>

School of the Future - Frontrunners made in Denmark

Researchers in Denmark are heading towards new school renovation concepts. «It is easier to gain people's attention for the need to change and to significantly increase the quantity and quality of energy-efficient retrofits in Europe, when public authorities have a good approach. Check the whole POST >>

#### Denmark – a new approach to design upfront processes

Mangor & Nagel Arkitektenfirma is responsible for the design and the realisation of the new building in the heart of the Sundbyøster school area in København. The building will be ready for the school start in 2017. The team designed a learning environment that meets the needs of future education. In an interview the architect Ditte Rode talked about the planning processes for the new school. Check the whole POST >>



Renew School project assists municipalities, school owners/-financiers and companies with appropriate tools and solutions and offers exchange possibilities for them. Read more about our project...  $\geq \geq$  and visit our homepage...  $\geq \geq$ 

If You have questions or comments, please write us. This newsletter will be distributed once a year. To unsubscribe click here...>>

Imprint: AEE - Institut for Sustainable Technologies, Feldgasse 19, A-8200 Gleisdorf Tel.: +43 (0)3112 5886-369, Fax: DW 18, E-Mail: a.knotzer@aee.at

The sole responsibility for the content of this electronic newsletter lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the EASME nor the European Commission are responsible for any use that may be made of the information contained therein.



