



LIFE12 ENV/IT 1020 – With the contribution of the LIFE financial instrument of the European Community

**March 30<sup>th</sup> 2017 – Rapallo**  
**Excelsior Palace Hotel**  
**Via San Michele di Pagana 8 16035 Rapallo (Genova – Italy)**

## **Primary techniques for NO<sub>x</sub> containment in a sustainable glass industry - The achievements of the Prime Glass Project**

- 9.30 Registration of participants**
- 10.00 Arnaldo Messori (Stara Glass President) – Welcome message**
- 10.15 Francesco Proseri (Stara Glass) – Introduction to the Prime Glass project and to the conference**
- 10.30 Bianca Maria Scalet, Nicola Favaro (Ufficio di Gabinetto Ministro per la Coesione Territoriale e il Mezzogiorno / Stazione Sperimentale del Vetro) – Glass melting: emission sources – Implementation of Best Available Techniques (BAT) and Associated Emission Levels**
- 11.00 *Coffee break***
- 11.15 Ernesto Cattaneo (Stara Glass) – The technologies of the Prime Glass project**
- 11.45 Walter Battaglia, Alessandro Migatta (Stazione Sperimentale del Vetro) – The Multipoint Continuous Monitoring system and its application in the Prime Glass project**
- 12.15 Milena Marchegiani, Luca Tosini, Adelvaldo Bussolati (Bormioli Rocco) – A customer's experience of the Prime Glass technologies and the open problems in glass furnaces emissions control**
- 12.45 Feedback and discussion**
- 13.00 *Lunch break***
- 14.00 Carlo Cravero, Michele Pallante, Alessandro Spoladore (Università degli Studi di Genova) – Simulation of glass production system components with gas recirculation using CFD and lower order models**

- 14.30 Alessandro Mola (Stara Glass)** – Environmental and energy performance of the Prime Glass project experiments
- 15.00 Nicola Favaro, Walter Battaglia (Stazione Sperimentale del Vetro)** – The Life Cycle Assessment applied to the Prime Glass Technologies
- 15.30 Sauro Pasini, Sandro Merlini (RJC)** – Designing low NOx combustion systems for end port glass melting furnaces using an integrated CFD based approach
- 16.00 Coffee break**
- 16.15 Carlo Cravero, Santo Cogliandro, Alessandro Spoladore (Università degli Studi di Genova)** – Perspectives from numerical modeling and video data acquisition for glass furnace optimization and management
- 16.45 Giorgio Minestrini (Stara Glass)** – Primary and secondary techniques for NOx abatement in glass furnaces: SCR systems and the application of SNCR technology to Centauro furnaces
- 17.15 Feedback and discussion**
- 17.30 Salutation and goodbye cocktail**

*All presentations will be written in English, the speeches will be in Italian with a simultaneous translation Italian to English service available.*



*Prime Glass Life project*

**[www.primeglass.it](http://www.primeglass.it)**