

DIELECTRIC HEATING VERSUS OTHER ELECTROHEAT TECHNOLOGIES - SOME CASE STUDIES

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For some well chosen applications dielectric heating (microwave + radiofrequency) is compared to other technologies on technical but also on energetic and economic aspects. On the basis of case studies it is investigated whether or not microwave and other electrotechnologies are the appropriate answer to European regulations on energy efficiency and CO2 emission.

ROUND TABLE: THE IMPACT OF ELECTROTECHNOLOGIES AND THEIR APPLICATIONS TO ENERGY EFFICIENCY AND MANUFACTURING ECONOMICS

In a round table the impact of the Kyoto Protocol on the use of energy in general and on the application of electrotechnology in particular is discussed by representatives of Europe (Eurelectric, UIE, Cetiat, Laborelec), Japan (Japan Electro-Heat Association), and USA (ETAC, EPRI). The attendees of the conference are informed on the differences that exist between continents as to their greenhouse gas emission reduction policies. Confronting the panel's viewpoints on the various possibilities will open the discussion to active interventions on the part of the audience.

Participants:

Vasco de Janeiro (Eurelectric)

M. Machiels (UIE)

M.W. Sato (JE-HA)

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Moderator: Joe Cresko