Data Centres. Nearly Zero Energy Consumption

How to reduce Data Centres energy consumption to minimize their environmental impact, in line with the Energy Union objectives.

21 June 2017, 14:00-15:30

CHARLEMAGNE building

Jenkins room, Rue de la Loi 170. BRUSSELS

Agenda. Seminar format (90')

- **Moderator:** Svet MIHAYLOV policy officer, DG CONNECT, European Commission (5')

- **Opening and State of the Art**. Kyriakos BAXEVANIDIS, Deputy HoU H2 DG CONNECT and Antonio SANCHEZ APARICIO, policy officer DG CONNECT European Commission (10')

The intensive use and increasing popularity of the internet and cloud computing has created a new working way to communicate and store information.
Data Centres must be operating continuously and they are probably the **biggest power consumers by square meter**.

- **EU main actions addressing this challenge:**

  - The **EU, under its FP7 and H2020 research programs**, has dedicated substantial investments to this subject and many projects have been funded **DC4Cities, RenewIT, ICTFootprint** are some of them.

Speakers: (25') **Frederic WAUTERS, Jaume SALOM, Laura BARACCHI**

  - The EU launched in 2008 the **Code of Conduct for Data Centres** as a voluntary initiative managed by the JRC. This Code identifies key issues and describes solutions in the **Best Practices document**, which last version has been published this year

Speaker: **Isabella MASCHIO**, European Commission JRC-ISPRA (10')

- **Challenges and opportunities for DC Industry**

Data Centres are **responsible for** about **2% of worldwide CO^2** emissions. This represents a big challenge and opportunity not only for the sector which will **reduce its environmental and operational costs**, but also for the industry in general.
Speakers: (20') **Lex COORS. Interxion, Derek WEBSTER. EUDCA Board Member**

Questions and Answers (15')

Closing remarks (5') **Svet MIHAYLOV**