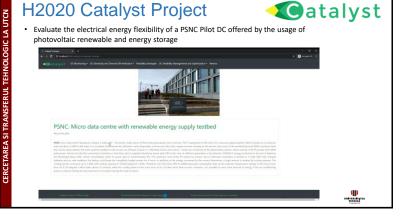


H2020 Catalyst Project Catalyst • Test the solution on 4 pilot Datacentres DARNOT BP: Schuberg Philis DC UNIVERSITATEA TERMICA PSNC: Poznan Supercomputing Centre DC



PSM: Green Pont Saint Martin DC

## PD 2019 CoolDC Project



UNIVERSITATEA

Facilitate the transition to liquid cooling systems

Project Objectives:

- Study the correlation among workload distribution, temperature setpoints, thermal flexibility of DCs with liquid cooling and DH heat demand aiming to assess the heat re-use potential
- Development of models for estimating the baseline heat profiles and forecasting the thermal flexibility of DCs featuring liquid cooling
- Development of novel hybrid optimizer for thermal aware workload scheduling to shift thermal flexibility and maximize the quality of the heat to be re-used

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CERCETAREA SI TRANSFERUL TEHNOLOGIC LA UTCN