

# CINECA for HCP and e-infrastructures

June 5, 2012

**CINECA**

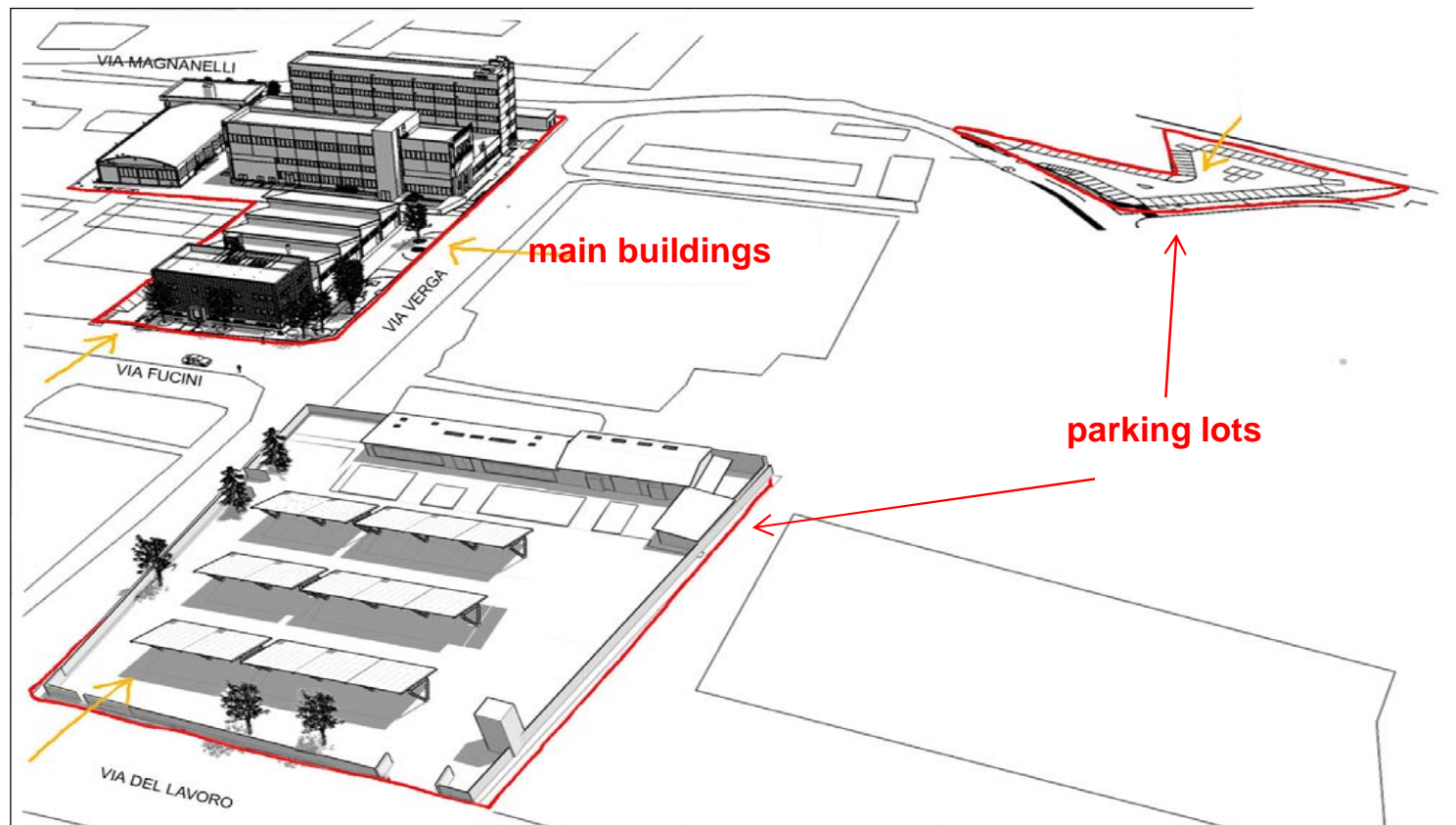
Casalecchio di Reno (BO)

Via Magnanelli 6/3, 40033 Casalecchio di Reno | 051 6171411 | [www.cineca.it](http://www.cineca.it)

- 54 Universities:
  - Ancona, Bari, Bari Politecnico,
  - Basilicata, Benevento, Bergamo, Bologna,
  - Brescia, Calabria, Cagliari
  - Camerino, Cassino, Catania, Chieti,
  - Enna, Ferrara, Firenze, Genova,
  - Insubria, L' Aquila, Messina, Macerata,
  - Milano Bicocca, Milano Politecnico,
  - Modena, Molise, Napoli Federico II,
  - Napoli II, Napoli Parthenope, Padova,
  - Parma, Pavia, Perugia, Perugia Stranieri,
  - Pisa, Reggio Calabria, Roma Sapienza,
  - Roma 3, Salento, Salerno, Sassari, Siena,
  - Torino, Torino Politecnico, Trento,
  - Trieste, Udine, Urbino,
  - Venezia Cà Foscari, Venezia IUAV,
  - Verona
- CNR, OGS
- MIUR Ministry



# The Property



- Building: ~ 7.200 m<sup>2</sup>
- Two parking areas
- Parking area covered by photovoltaic infrastructure for electricity production

# Mission

- Private not-for-Profit Organization
- Founded in 1969 by Ministry of Public Education now under the control of Ministry Education, University and Research
- Main activities:
- Promote the use of the most advanced HPC systems to support public and private scientific and technological research
  - Services both for Universities and private enterprises and Ministry
- 417 employees
- Overall Consolidated Budget (in Euro)

2008	2009	2010	2011
56.986.000	57.516.000	59.670.000	61.907.000

- HPC budget 22 Millions of Euro (per year – from 2010)
  - 10 Millions of Euro self fund raising capacity for direct service and technology transfer actions towards industries
  - 12 Millions of Euro assured by the MIUR Minister to fulfill the CINECA commitment for PRACE

# Institutional activities



*Ministero dell'Istruzione, dell'Università e della Ricerca*

"...risulta essere l'unico consorzio che per dimensioni in termini di piattaforme e competenze può rientrare nell'alta classifica internazionale, ricoprendo in tal modo il ruolo di riferimento nazionale."

"...is the institution that, for capability, infrastructure and competence, may be ranked at the top level of the international competition, representing in that way the national referent (for HPC)."



**Long tradition in education and training in the domain of HPC and Computational Science**



**Italian SuperComputing Resources Allocation initiative**

**HPC core hours assigned by mean of open access, peer reviewed, calls for proposals**