

PARLIAMENT OF ROMANIA
CHAMBER OF DEPUTIES
DECISION

approving the Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions *European Cloud Initiative - Building a competitive data and knowledge economy in Europe* (COM(2016) 178)

Pursuant to Articles 67 and 148 of the Romanian Constitution, republished, Law No 373/2013 on cooperation between Parliament and the Government in the area of European affairs, and Articles 160 to 185 of the Rules of Procedure of the Chamber of Deputies, republished, the Chamber of Deputies hereby adopts this Decision.

Sole Article. - Having regard to Opinion No 4c-19/972 adopted by the Committee for European Affairs at its meeting of 14 September 2016, the Chamber of Deputies:

1. supports free access to data in research, but stresses that such an objective can only be met with the EU's support, which would reduce the gaps between Member States in terms of research, communication and data transfer infrastructure;
2. acknowledges the need to foster data sharing, particularly in academia and the public sector, but calls for an in-depth analysis of the reasons for which business do not make use of data sharing, so as to support them effectively also by improving the market's legislative framework;
3. acknowledges the need to remove the obstacles to efficient and inexpensive big dataset processing and the deep-rooted walls between disciplines; calls on the Commission to act in a comprehensive and decisive manner to create a European common area for scientific research, in particular inter-disciplinary research, and to encourage and support scientific literature and open-access storage of scientific data;
4. supports the need to tackle issues relating to the long-term protection and preservation of data and notes that such data must be protected against the risk of deterioration of the medium on which they are stored and must be available to all entities in the Member States free-of-charge and in an open and user-friendly format.
5. calls on the Commission to speed up the preparation process for the European Open Science Cloud governance and to take this opportunity to improve the traditional ways of accessing scientific results and publications so as to avoid expenses that are unaffordable in some cases, particularly in Member States with limited financial means, such as Romania;
6. points out that the development of high-performance computing capacity must be accompanied by EU-wide efforts to expand and diversify the well-informed end user base in a balanced way across the Member States so as to help attract human resources in all regions, involve high-performance computing in tackling most of the problems identified at regional level, and facilitate knowledge transfer on the broadest possible scale;
7. is concerned that Europe's involvement in high-performance computing capacity competition is not commensurate with its economic and knowledge potential and that the EU industry's contribution to such computing capacity is rather modest; calls on the

Commission to step up its efforts to tackle backwardness in the development of national ecosystems for high-performance computing capacity;

8. calls on the Commission to set out the opt-out conditions for free access to data carefully, to avoid the risk of scientific protectionism;
9. supports the need to identify solutions for reducing power consumption by chips in exascale computers and recommends reducing power consumption by computing technologies in general and mainstreaming this goal across the EU's energy efficiency strategies; stresses that energy efficiency requires a broader spectrum of measures, such as computing management and designing computing programmes and architectures whose design parameters include energy efficiency;
10. calls on the Commission to act firmly to support youth participation in the development of a competitive and knowledge-based economy in Europe by fostering training in this field, creating jobs and providing new opportunities specifically intended to help young people to see their business initiative develop;
11. calls for quantum technologies to be developed and used in strategies involving the digital single market and to be coupled with measures to foster cloud computing;
12. recommends strengthening the various EU strategies that involve medium- and long-term objectives relating to knowledge-based societies, the use of the outer space and other fields reflecting the results of the latest scientific and technological progress; calls for an analysis of the way in which the EU thematic strategies in recent years have reflected scientific and technological progress.

This Decision was adopted by the Chamber of Deputies at its sitting of 20 September 2016, in compliance with Article 76(2) of the Romanian Constitution, republished.

The President of the Chamber of Deputies,

Florin Iordache

Bucharest, 20 September 2016

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