



**2020/xxxx(INI)**

1.7.2020

# **AMENDMENTS**

## **1 - 88**

**Draft opinion**  
**Juan Ignacio Zoido Álvarez**  
(PE652.570v01-00)

A European strategy for data  
2020/xxxx (INI)



**Amendment 1**  
**Gilles Lebreton, Maxette Pirbakas**

**Draft opinion**  
**Paragraph 1**

*Draft opinion*

1. Welcomes the fact that the Commission's communication entitled 'A European strategy for data' and its white paper on Artificial Intelligence highlight agriculture as a strategic sector of public interest for the digital era ***and propose the development of a common European agriculture data space;***

*Amendment*

1. Welcomes the fact that the Commission's communication entitled 'A European strategy for data' and its white paper on Artificial Intelligence highlight agriculture as a strategic sector of public interest for the digital era;

Or. fr

**Amendment 2**  
**Anne Sander**

**Draft opinion**  
**Paragraph 1**

*Draft opinion*

1. Welcomes the fact that the Commission's communication entitled 'A European strategy for data' and its white paper on Artificial Intelligence highlight agriculture as a strategic sector of public interest for the digital era and propose the development of a common European agriculture data space;

*Amendment*

1. Welcomes the fact that the Commission's communication entitled 'A European strategy for data' and its white paper on Artificial Intelligence highlight agriculture as a strategic sector of public interest for the digital era and propose the development of a common European agriculture data space; ***stresses in this regard the need to encourage the interoperability of such a tool with, in particular, the support and monitoring provisions of the CAP in order to ensure its effectiveness;***

Or. fr

**Amendment 3**  
**Adrián Vázquez Lázara, Irène Tolleret, Martin Hlaváček, Atidzhe Alieva-Veli, Jérémy**

## Decerle

### Draft opinion

#### Paragraph 1

##### *Draft opinion*

1. Welcomes the fact that the Commission's communication entitled 'A European strategy for data' and its white paper on Artificial Intelligence highlight agriculture as a strategic sector of public interest for the digital era and propose the development of a common European agriculture data space;

##### *Amendment*

1. Welcomes the fact that the Commission's communication entitled 'A European strategy for data' and its white paper on Artificial Intelligence highlight agriculture as a strategic sector of public interest for the digital era and propose the development of a common European agriculture data space; ***stresses the fact that the agrifood-sector has proven to be a sector of high strategic importance during the ongoing COVID-19 pandemic;***

Or. en

### Amendment 4

**Petros Kokkalis**

### Draft opinion

#### Paragraph 1

##### *Draft opinion*

1. Welcomes the fact that the Commission's communication entitled 'A European strategy for data' and its white paper on Artificial Intelligence highlight agriculture as a strategic sector of public interest for the digital era and propose the development of a common European agriculture data space;

##### *Amendment*

1. Welcomes the fact that the Commission's communication entitled 'A European strategy for data' and its white paper on Artificial Intelligence highlight agriculture as a strategic sector of public interest for the digital era, ***recognise the potential of digital technologies for rural areas*** and propose the development of a common European agriculture data space;

Or. en

### Amendment 5

**Tonino Picula, Clara Aguilera, Juozas Olekas, Carmen Avram, Attila Ara-Kovács, Pina Picierno, Ivo Hristov, Isabel Carvalhais, Paolo De Castro**

**Draft opinion**  
**Paragraph 1 a (new)**

*Draft opinion*

*Amendment*

**1a. Commends the 2019 Declaration of cooperation on ‘A smart and sustainable digital future for European agriculture and rural areas’ which recognises the potential of digital technologies and the use of data to help tackle the important and urgent economic, social, climatic and environmental challenges facing the EU’s agri-food sector and rural areas;**

Or. en

**Amendment 6**  
**Daniel Buda**

**Draft opinion**  
**Paragraph 1 a (new)**

*Draft opinion*

*Amendment*

**1a. Emphasises the need to develop and promote cooperation between Member States on measures to digitalise farming and experience exchanges on research and innovation activities; highlights the importance of developing research and innovation investment in the agricultural sector and the need for the EU to identify suitable incentives to speed the uptake of data-driven solutions, including by small farmers;**

Or. ro

**Amendment 7**  
**Tonino Picula, Clara Aguilera, Juozas Olekas, Carmen Avram, Pina Picierno, Ivo Hristov, Isabel Carvalhais, Paolo De Castro**

**Draft opinion**

## Paragraph 2

### *Draft opinion*

2. Recalls the potential of data to increase competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income;

### *Amendment*

2. Recalls the potential of data to increase competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income; ***however, the digitalization of the agri food sector will considerably transform the nature of production and the demand for labour and skills. Calls therefore on the Commission and Member States to implement targeted investments to promote awareness raising and improvement of digital literacy through education and training programmes;***

Or. en

## Amendment 8 Petros Kokkalis

### Draft opinion Paragraph 2

### *Draft opinion*

2. Recalls the potential of data to increase competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income;

### *Amendment*

2. Recalls the potential of data to increase competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income; ***supports the conversion of the Farm Accountancy Data Network into the Farm Sustainability Data Network that will improve the climate and environmental performance and overall sustainability of participating farmers, including their incomes, by providing guidance to farmers through tailored advisory services, in line with the higher climate and environmental ambition of the CAP beyond 2020, currently under revision, and objectives of the European Green Deal;***

Or. en

## Amendment 9

Adrián Vázquez Lázara, Irène Tolleret, Martin Hlaváček, Atidzhe Alieva-Veli, Jérémy Decerle

### Draft opinion

#### Paragraph 2

##### *Draft opinion*

2. Recalls the potential of data to increase competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income;

##### *Amendment*

2. Recalls the potential of data to increase competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income; ***supports research and development in the agri-food sectors following the guidelines of the Horizon Europe programme and notes the importance of accessibility of R&D to all levels of the sector;***

Or. en

## Amendment 10

Anne Sander

### Draft opinion

#### Paragraph 2

##### *Draft opinion*

2. Recalls the potential of data to increase competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income;

##### *Amendment*

2. Recalls the potential of data to increase competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income; ***stresses that, given sufficient investment, data will enable the achievement of the transition objectives of the 'Farm to Fork' strategy by helping producers to support the modernisation of farms and develop new, innovative and sustainable techniques for agriculture, such as precision farming;***

Or. fr

**Amendment 11**  
**Manuel Bompard**

**Draft opinion**  
**Paragraph 2**

*Draft opinion*

2. Recalls the potential of data to increase competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income;

*Amendment*

2. Recalls the potential of data to increase competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income ***if the storage and use of the data remain under the control of the farmers, their organisations and the public authorities; underlines the importance for all farmers of being able to master the uses of the raw agricultural data that has been generated and collected on their holdings (control of the data in terms of collection, access and authorised use); supports in this regard the Commission's position on access to data on fair, transparent, reasonable, proportionate and non-discriminatory terms;***

Or. fr

**Amendment 12**  
**Daniel Buda**

**Draft opinion**  
**Paragraph 2**

*Draft opinion*

2. Recalls the potential of data to increase competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income;

*Amendment*

2. Recalls the potential of data to increase ***sustainability performance and*** competitiveness across the entire agri-food chain, reducing risks in agricultural production and to farmers' income; ***stresses at the same time that broad access to data contributes to the development of precision agriculture;***

**Amendment 13**  
**Balázs Hidvéghi**

**Draft opinion**  
**Paragraph 2**

*Draft opinion*

2. Recalls the potential of data to increase competitiveness across the entire agri-food **chain**, reducing risks in agricultural production and to farmers' income;

*Amendment*

2. Recalls the potential of data to increase competitiveness across the entire agri-food **and forestry chains**, reducing risks in agricultural **and forestry** production and to farmers **and forest owners'** income;

Or. en

**Amendment 14**  
**Francisco Guerreiro**  
on behalf of the Verts/ALE Group

**Draft opinion**  
**Paragraph 2 a (new)**

*Draft opinion*

*Amendment*

**2a. Recalls that the consequences of the agro-industrial model can only be treated by a paradigm shift toward agro-ecology and nature-based solutions; Highlights the fact that agricultural digitalisation could play an important role in tackling global challenges such as climate change, biodiversity loss, pandemics and the development of agro-ecology, but that digitalisation should not be an objective in itself; Stresses that agriculture digitalisation should be considered wisely in regards to its potential negative effects notably on the farmers' autonomy;**

Or. en

**Amendment 15**  
**Petros Kokkalis**

**Draft opinion**  
**Paragraph 2 a (new)**

*Draft opinion*

*Amendment*

**2a. Stresses the need to raise awareness and provide support for small-scale farmers, who often lack investment capacity and fail to attract attention for market solutions that fit their needs, to be part fully harness the potential of the common agricultural data space, that will allow for precise and tailored application of production approaches at small farm level; calls on the Commission to incentivise the participation of small-scale farmers in the common agricultural data space, including through additional financial means;**

Or. en

**Amendment 16**  
**Manuel Bompard**

**Draft opinion**  
**Paragraph 2 a (new)**

*Draft opinion*

*Amendment*

**2a. Notes that data aggregation in connection with digital farming systems might be handled by means of data platforms held by large business groups; whereas this means that the digital tools used in farming tend to focus on mass production and exclude small and medium-sized producers;**

Or. fr

**Amendment 17**

**Marlene Mortler, Christine Schneider, Lena Düpont, Norbert Lins**

**Draft opinion**

**Paragraph 2 a (new)**

*Draft opinion*

*Amendment*

**2a. Notes that the digitalisation of agriculture can make a significant contribution to the Green Deal and to climate and environmental objectives through sustainable use of resources and innovative applications in plant production and animal husbandry;**

Or. de

**Amendment 18**

**Francisco Guerreiro**

on behalf of the Verts/ALE Group

**Draft opinion**

**Paragraph 2 b (new)**

*Draft opinion*

*Amendment*

**2b. Stresses that data on agriculture and farmland is of public interest, for food security and for environmental protection, and that this data needs to be made available to the public; Highlights that complete, standardised and interoperable data is in particular necessary to stir appropriately the future performance-driven CAP; Notes that EU data is especially needed on forests and in particular the mapping of old-growth forests, soil quality and fertility, biodiversity and farmland, pollinators, as well as on pesticide, fertiliser and veterinary products' use;**

Or. en

**Amendment 19**

**Marlene Mortler, Christine Schneider, Lena Düpont, Norbert Lins**

**Draft opinion**

**Paragraph 2 b (new)**

*Draft opinion*

*Amendment*

**2b. Points out that digital applications are essential to facilitate agricultural processes, use resources more efficiently and produce safe food in a sustainable manner;**

Or. de

**Amendment 20**

**Manuel Bompard**

**Draft opinion**

**Paragraph 2 b (new)**

*Draft opinion*

*Amendment*

**2b. Is critical of the fact that the development of digital farming promoted by the Commission as part of the CAP reforms consolidates the stranglehold of an industrial farming system that is very harmful for the environment and biodiversity;**

Or. fr

**Amendment 21**

**Manuel Bompard**

**Draft opinion**

**Paragraph 2 c (new)**

*Draft opinion*

*Amendment*

**2c. Regrets the fact that the high-tech solutions encouraged in farming encourage more intensive and**

*standardised production, thus  
strengthening the global biodiversity  
trend;*

Or. fr

**Amendment 22**

**Marlene Mortler, Christine Schneider, Lena Düpont, Norbert Lins**

**Draft opinion**

**Paragraph 2 c (new)**

*Draft opinion*

*Amendment*

*2c Stresses that innovative practices  
in crop production and animal husbandry  
can help achieve a global food security  
objective and meet the growing demand  
for high-quality food;*

Or. de

**Amendment 23**

**Manuel Bompard**

**Draft opinion**

**Paragraph 2 d (new)**

*Draft opinion*

*Amendment*

*2d. Remains committed to public data  
just as much as to the non-patentability of  
living things; stresses that the European  
agricultural data space should not be used  
as a bank for sequencing and  
subsequently patenting certain DNA;  
stresses the risk of the placing on the  
market and the privatisation of  
biodiversity; recalls the decision this May  
of the Grand Board of Appeal of the  
European Patent Office, which concluded  
that plants and animals produced by  
essentially biological processes are not  
patentable;*

**Amendment 24**  
**Balázs Hidvéghi**

**Draft opinion**  
**Paragraph 3**

*Draft opinion*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources;

*Amendment*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, ***forest management***, and increasing efficiency in the use of resources;

Or. en

**Amendment 25**  
**Tonino Picula, Clara Aguilera, Juozas Olekas, Carmen Avram, Attila Ara-Kovács, Pina Picierno, Ivo Hristov, Isabel Carvalhais, Paolo De Castro**

**Draft opinion**  
**Paragraph 3**

*Draft opinion*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources;

*Amendment*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources, ***which in its turn means strong benefits for the environment and climate***;

Or. en

**Amendment 26**  
**Bert-Jan Ruissen**

**Draft opinion**  
**Paragraph 3**

*Draft opinion*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources;

*Amendment*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, ***and the need to ensure farmers benefit from the added value in the chain; highlights*** as well as ***the important role of data*** in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources;

Or. en

**Amendment 27**  
**Petros Kokkalis**

**Draft opinion**  
**Paragraph 3**

*Draft opinion*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources;

*Amendment*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming ***and agri-food products, reducing food waste***, and increasing efficiency in the use of resources, ***thus limiting the sector's carbon and environmental footprint***;

Or. en

**Amendment 28**  
**Daniel Buda**

**Draft opinion**  
**Paragraph 3**

*Draft opinion*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources;

*Amendment*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources, ***while at the same time helping to speed implementation of the 'farm to fork' strategy;***

Or. ro

**Amendment 29**  
**Manuel Bompard**

**Draft opinion**  
**Paragraph 3**

*Draft opinion*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources;

*Amendment*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources; ***finds, however, that the digitalisation and robotisation of the sector, in the absence of political will, have so far been accompanied by a loss of the genetic diversity of our main food crops, a collapse of the variety of food consumed in most OECD countries and a significant drop in the nutritional value of the food which remains;***

Or. fr

**Amendment 30**  
**Anne Sander**

**Draft opinion**  
**Paragraph 3**

*Draft opinion*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources;

*Amendment*

3. Highlights the role of data in improving the information made available to consumers, enabling traceability and the use of digital labels, as well as in contributing to more resilient and sustainable farming, and increasing efficiency in the use of resources; ***stresses, in this connection, that improving traceability through digital labelling should benefit farmers and should not introduce a situation of dependence or imbalance vis-à-vis the other parts of the chain;***

Or. fr

**Amendment 31**  
**Manuel Bompard**

**Draft opinion**  
**Paragraph 3 a (new)**

*Draft opinion*

*Amendment*

***3a. Stresses that the large agri-food groups already have technologies that can exploit large amounts of data; underlines that in a recent survey<sup>1a</sup>, 91.7% of the farmers surveyed feared that Bayer-Monsanto controlled data on agricultural practices; stresses that the creation of and access to a common European agriculture data space risks strengthening the dominant position of these groups;***

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<sup>1a</sup> <https://1bps6437gg8c169i0y1drtgz-wpengine.netdna-ssl.com/wp-content/uploads/2018/03/2018-FINAL-White-Paper-with-PAN-3-7-2018.pdf>

**Amendment 32**  
**Juan Ignacio Zoido Álvarez**

**Draft opinion**  
**Paragraph 3 a (new)**

*Draft opinion*

*Amendment*

**3a. Recalls the importance that digital technologies have had in order to achieve the decoupling of emissions in EU agriculture, increasing its overall productivity by 25% since 1990 while reducing GHG emissions by 20% over the same time period; considers that innovation, new technologies and big data in particular will be key to bridge the gap between current and future environmental targets while maintaining the agrifood sector competitiveness.**

Or. en

**Amendment 33**  
**Adrián Vázquez Lázara, Irène Tolleret, Martin Hlaváček, Atidzhe Alieva-Veli, Jérémy Decerle**

**Draft opinion**  
**Paragraph 3 a (new)**

*Draft opinion*

*Amendment*

**3a. Notes that data plays a role in reducing the ecological footprint and achieving several of the Sustainable Development Goals defined by the United Nations General Assembly including responsible consumption and production, innovation and infrastructure, and climate action;**

Or. en

**Amendment 34**  
**Petros Kokkalis**

**Draft opinion**  
**Paragraph 3 a (new)**

*Draft opinion*

*Amendment*

**3a. Emphasises the potential of data as a driver for rural development and accelerator of the progress towards gender equality;**

Or. en

**Amendment 35**  
**Manuel Bompard**

**Draft opinion**  
**Paragraph 3 b (new)**

*Draft opinion*

*Amendment*

**3b. Calls for preference to be given to open-source platforms, run directly by farmers, providing mutual assistance and sharing good practices among farmers and putting producers of foodstuffs in direct contact with consumers through short supply chains;**

Or. fr

**Amendment 36**  
**Manuel Bompard**

**Draft opinion**  
**Paragraph 3 c (new)**

*Draft opinion*

*Amendment*

**3c. Is opposed to a data area which would be a deregulated and unbridled**

*market, strengthening the dominant position of a few large agri-food groups;*

Or. fr

### **Amendment 37**

**Francisco Guerreiro**

on behalf of the Verts/ALE Group

#### **Draft opinion**

#### **Paragraph 4**

##### *Draft opinion*

4. Stresses the need to narrow the gap between urban and rural areas' access to business opportunities and services, including guaranteeing access to high-speed broadband for all rural areas;

##### *Amendment*

4. Stresses the need to narrow the gap between urban and rural areas' access to business opportunities and services, including guaranteeing access to high-speed broadband for all rural areas; *Notes that farmers are also in the age and wealth groups most affected by the digital divide; Recalls that the EAFRD is funding many rural development programs, including the ones supporting the necessary shift to a more sustainable and environmentally friendly EU farming, and that its geographical overlap with areas in deep need for investment is an added reason to be supplemented by specialised funds for digitalisation; calls for farmers' access to digital services to be supported in priority by the future Digital Europe Program and Connecting Europe Facility;*

Or. en

### **Amendment 38**

**Adrián Vázquez Lázara, Irène Tolleret, Martin Hlaváček, Atidzhe Alieva-Veli, Jérémy Decerle**

#### **Draft opinion**

#### **Paragraph 4**

*Draft opinion*

4. Stresses the need to narrow the gap between urban and rural areas' access to business opportunities and services, including guaranteeing access to high-speed broadband for all rural areas;

*Amendment*

4. Stresses the need to narrow the gap between urban and rural areas' access to business opportunities and services, including guaranteeing access to high-speed broadband for all rural areas; ***highlights that these services enable the use of data driven technology and the development of “smart farming” or “e-farming”, which create quality jobs and further economic opportunities for rural areas that can fight depopulation;***

Or. en

**Amendment 39**  
**Daniel Buda**

**Draft opinion**  
**Paragraph 4**

*Draft opinion*

4. Stresses the need to narrow the gap between urban and rural areas' access to business opportunities and services, including guaranteeing access to high-speed broadband for all rural areas;

*Amendment*

4. Stresses the need to narrow the gap between urban and rural areas' access to business opportunities and services ***by means of support measures aimed at increasing the attractiveness of the rural environment***, including guaranteeing access to high-speed broadband for all rural areas;

Or. ro

**Amendment 40**  
**Tonino Picula, Clara Aguilera, Juozas Olekas, Carmen Avram, Attila Ara-Kovács, Pina Picierno, Ivo Hristov, Isabel Carvalhais, Paolo De Castro**

**Draft opinion**  
**Paragraph 4**

*Draft opinion*

4. Stresses the need to narrow the gap between urban and rural areas' access to business opportunities and services, including guaranteeing access to high-speed broadband for all rural areas;

*Amendment*

4. Stresses the need to narrow the gap between urban and rural areas' access to business opportunities and services, including guaranteeing ***affordable, secure and widespread*** access to high-speed broadband for all rural areas;

Or. en

**Amendment 41**  
**Balázs Hidvéghi**

**Draft opinion**  
**Paragraph 4**

*Draft opinion*

4. Stresses the need to narrow the gap between urban and rural areas' access to business opportunities and services, including guaranteeing access to high-speed broadband for all rural areas;

*Amendment*

4. Stresses the need to narrow the gap between urban and rural areas' access to business opportunities and services, including guaranteeing access to high-speed broadband for all rural areas; ***highlights the role of precision agriculture in reducing current technology uptake gap within the Union; emphasizes the need that the uptake of digital technologies must be promoted with a special focus on small and medium farmers;***

Or. en

**Amendment 42**  
**Petros Kokkalis**

**Draft opinion**  
**Paragraph 4**

*Draft opinion*

4. Stresses the need to narrow the gap between urban and rural areas' access to

*Amendment*

4. Stresses the need to narrow the gap between urban and rural areas' access to

business opportunities and services, including guaranteeing access to high-speed broadband for all rural areas;

business opportunities and services, including guaranteeing access to high-speed broadband for all rural areas; ***calls for the setting up of Digital Innovation Hubs at regional level, close to the end-users, in order to speed - up the development and uptake of digital innovations and to create a regional innovation ecosystem;***

Or. en

**Amendment 43**  
**Manuel Bompard**

**Draft opinion**  
**Paragraph 4 a (new)**

*Draft opinion*

*Amendment*

***4a. Calls for digital technologies to help develop a European farming model based on agro-ecology;***

Or. fr

**Amendment 44**  
**Marlene Mortler, Christine Schneider, Lena Düpont, Norbert Lins**

**Draft opinion**  
**Paragraph 4 a (new)**

*Draft opinion*

*Amendment*

***4a. Believes that good digital infrastructure is essential for maintaining the living and working environment in rural areas; stresses that the development of digital infrastructure should take place not only in metropolitan areas but should be universal and should take place without delay;***

Or. de

**Amendment 45**  
**Ivo Hristov**

**Draft opinion**  
**Paragraph 4 a (new)**

*Draft opinion*

*Amendment*

**4a. Welcomes the work of the thematic group on Smart villages within the ENRD, which aim at enhancing and improving life in rural communities through digital and data-sharing tools; expresses its support for inclusion of Smart villages incentives and/or measures, which use digital data safely, in the next MFF through programmes such as the RDPs;**

Or. en

**Amendment 46**  
**Manuel Bompard**

**Draft opinion**  
**Paragraph 4 b (new)**

*Draft opinion*

*Amendment*

**4b. Notes that the data strategy should support the objectives of the ‘Farm to Table’ strategy in terms of limiting greenhouse gas emissions of agricultural origin, pesticide dependency and soil degradation<sup>1a</sup>;**

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**<sup>1a</sup> paragraphs 56 and 59 of the resolution on the Green Deal:  
[https://www.europarl.europa.eu/doceo/document/TA-9-2020-0005\\_EN.html](https://www.europarl.europa.eu/doceo/document/TA-9-2020-0005_EN.html)**

Or. fr

**Amendment 47**  
**Ivo Hristov**

**Draft opinion**  
**Paragraph 4 b (new)**

*Draft opinion*

*Amendment*

**4b. Urges national and/or regional authorities to enhance developing data-processing and data-based tools for sectors such as beekeeping, which have high level of dependency on natural and human-driven external factors and for which precise and up-to-date data is crucial;**

Or. en

**Amendment 48**  
**Tonino Picula, Clara Aguilera, Juozas Olekas, Carmen Avram, Attila Ara-Kovács, Pina Picierno, Ivo Hristov, Isabel Carvalhais, Paolo De Castro**

**Draft opinion**  
**Paragraph 5**

*Draft opinion*

*Amendment*

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas;

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to **Artificial Intelligence tools**, digital technologies, infrastructure and business models focused on the agri-food sector and rural areas;

Or. en

**Amendment 49**  
**Adrián Vázquez Lázara, Irène Tolleret, Martin Hlaváček, Atidzhe Alieva-Veli, Jérémy Decerle**

**Draft opinion**

## Paragraph 5

### *Draft opinion*

5. Considers it essential that the Commission continues to **support** research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas;

### *Amendment*

5. Considers it essential that the Commission continues to **increase** research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas;

Or. en

## Amendment 50 Balázs Hidvéghi

### Draft opinion Paragraph 5

### *Draft opinion*

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food **sector** and rural areas;

### *Amendment*

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food **and forest sectors** and rural areas;

Or. en

## Amendment 51 Daniel Buda

### Draft opinion Paragraph 5

### *Draft opinion*

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas;

### *Amendment*

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to digital technologies, infrastructure, **short supply chains** and business models focused on the agri-food sector and rural areas;

**Amendment 52**  
**Anne Sander**

**Draft opinion**  
**Paragraph 5**

*Draft opinion*

5. Considers it essential that the Commission continues *to* support research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas;

*Amendment*

5. Considers it essential that the Commission continues ***and increases its support for*** research and development (R&D) ***and also for the training of farmers*** in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas;

Or. fr

**Amendment 53**  
**Manuel Bompard**

**Draft opinion**  
**Paragraph 5**

*Draft opinion*

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas;

*Amendment*

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas; ***calls in particular for projects aimed at the collection of data on bees, which are the first victims of pesticides, to be supported; notes the potential of predictive models for nectar products using connected scales in harvests or studies of return rates of foraging bees according to the resource visited to characterise the toxicity of certain plant protection products for bees;***

**Amendment 54**  
**Petros Kokkalis**

**Draft opinion**  
**Paragraph 5**

*Draft opinion*

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas;

*Amendment*

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas, ***including smart and resilient urban food systems, supported by EU tools, including yet not limited to earth observation tools such as Copernicus Data and Information Services and Data and Information Access Services (DIAS)***;

Or. en

**Amendment 55**  
**Bert-Jan Ruissen**

**Draft opinion**  
**Paragraph 5**

*Draft opinion*

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas;

*Amendment*

5. Considers it essential that the Commission continues to support research and development (R&D) in relation to digital technologies, infrastructure and business models focused on the agri-food sector and rural areas ***while putting primary producers at the centre and ensuring usability of research results for farmers***;

Or. en

**Amendment 56**  
**Bert-Jan Ruissen**

**Draft opinion**  
**Paragraph 5 a (new)**

*Draft opinion*

*Amendment*

**5a. Asks the Commission to continue improving the availability of data to farmers from the European space programmes, most notably Galileo and Copernicus, and invest in interoperability with other data sources;**

Or. en

**Amendment 57**  
**Petros Kokkalis**

**Draft opinion**  
**Paragraph 5 a (new)**

*Draft opinion*

*Amendment*

**5a. Recognises the importance of the agricultural sector's digital transformation and the benefits of a technology-enabled, data-driven approach to farming management, and thus highlights the role of Precision Agriculture and Precision Livestock Farming in assisting in optimising agricultural and livestock production and minimising the aforementioned wastes, costs and environmental impact;**

Or. en

**Amendment 58**  
**Manuel Bompard**

**Draft opinion**

## Paragraph 6

### *Draft opinion*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition;

### *Amendment*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition, ***in particular through lifelong training programmes and support for farm workers affected by job cuts; stresses that the development of robot pickers poses a threat to the work of seasonal workers; recognises the potential benefits of a data strategy, and more broadly the digitalisation of the sector; stresses, however, that the transition from intensive to extensive farming cannot be achieved without significant job creation in the agricultural sector and that the jobs concerned should therefore be revalorised in the eyes of the younger generations;***

Or. fr

## Amendment 59

**Tonino Picula, Clara Aguilera, Juozas Olekas, Carmen Avram, Attila Ara-Kovács, Pina Picierno, Ivo Hristov, Isabel Carvalhais, Paolo De Castro**

### **Draft opinion**

#### **Paragraph 6**

### *Draft opinion*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition;

### *Amendment*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition; ***encourages the creation and sharing of best practices to promote innovation; stresses the need to ensure that everyone, including the small and medium-sized farmers, can access technology and benefit from it;***

Or. en

## Amendment 60

Adrián Vázquez Lázara, Irène Tolleret, Martin Hlaváček, Atidzhe Alieva-Veli, Jérémy Decerle

### Draft opinion

#### Paragraph 6

##### *Draft opinion*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition;

##### *Amendment*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition ***and encourages farming generational renewal in rural areas, fostering new opportunities for the next generation of farmers in order to ensure the future of Europe's food autonomy and security;***

Or. en

## Amendment 61

Anne Sander

### Draft opinion

#### Paragraph 6

##### *Draft opinion*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition;

##### *Amendment*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition ***by improving infrastructure and the development of devices, such as artificial intelligence, which can process the agricultural data gathered;***

Or. fr

## Amendment 62

Krzysztof Jurgiel

### Draft opinion

## Paragraph 6

### *Draft opinion*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition;

### *Amendment*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition, ***with special reference to small farmers who can experience digital exclusion***;

Or. en

## Amendment 63 Petros Kokkalis

### Draft opinion Paragraph 6

### *Draft opinion*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition;

### *Amendment*

6. Underlines the importance of promoting the development of digital skills to support farmers, ***SMEs in the agro-food sector*** and rural communities in the digital transition;

Or. en

## Amendment 64 Balázs Hidvéghi

### Draft opinion Paragraph 6

### *Draft opinion*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition;

### *Amendment*

6. Underlines the importance of promoting the development of digital skills to support farmers and rural communities in the digital transition; ***highlights strong agricultural education system in smart technologies is key to attract more young people to the sector which contributes to generational renewal; emphasizes the***

*need of regular trainings of farm advisors to enable better uptake of digital technologies by farmers;*

Or. en

**Amendment 65**  
**Francisco Guerreiro**  
on behalf of the Verts/ALE Group

**Draft opinion**  
**Paragraph 6 a (new)**

*Draft opinion*

*Amendment*

*6a. Notes that big data platforms in the agricultural sector are owned by a few large corporations, which enables them to have control over the market and a competitive advantage; highlights that small farmers are having to buy from these large corporations data that concerns their own farms if they want access to it, which poses risks to the privacy, profitability and independence of farmers;*

Or. en

**Amendment 66**  
**Bert-Jan Ruissen**

**Draft opinion**  
**Paragraph 6 a (new)**

*Draft opinion*

*Amendment*

*6a. Calls on the Commission and Member States to ensure the availability of adequate resources through the CAP budget and CAP plans, to enable farmers to make use of innovative techniques such as precision farming;*

Or. en

**Amendment 67**  
**Manuel Bompard**

**Draft opinion**  
**Paragraph 6 a (new)**

*Draft opinion*

*Amendment*

**6a. Stresses that public investment in R&D must establish clear conditionalities which reflect the EU's numerical values; stresses in this regard the importance of robust European big data regulation in connection with agricultural production processes, ensuring that the objectives of food sovereignty, biodiversity and resource efficiency are met, particularly with regard to water; notes that almost half of all private agricultural research in the world concerns the cultivation of maize, much of which is owned by seed growers; calls for support to be given particularly to research on unpatented seeds;**

Or. fr

**Amendment 68**  
**Marlene Mortler, Christine Schneider, Lena Düpont, Norbert Lins**

**Draft opinion**  
**Paragraph 6 a (new)**

*Draft opinion*

*Amendment*

**6a. Stresses the importance of training and advising farmers on digital investments in order to put modern developments and the challenges of 1:1 digitalisation into practice;**

Or. de

**Amendment 69**  
**Francisco Guerreiro**  
on behalf of the Verts/ALE Group

**Draft opinion**  
**Paragraph 6 b (new)**

*Draft opinion*

*Amendment*

**6b.** *Notes that farmers typically have no control over the information products generated from the raw data obtained from their fields, and that this information can be used to affect prices, insurance rates, and potentially inform land grabs in the global North and South;*

Or. en

**Amendment 70**  
**Marlene Mortler, Christine Schneider, Lena Düpont, Norbert Lins**

**Draft opinion**  
**Paragraph 6 b (new)**

*Draft opinion*

*Amendment*

**6b.** *Calls on the Commission to ensure that digital farming technology research and innovation is also financially viable for smaller farms;*

Or. de

**Amendment 71**  
**Manuel Bompard**

**Draft opinion**  
**Paragraph 6 b (new)**

*Draft opinion*

*Amendment*

**6b.** *Stresses that data, from planting to harvest via changing weather and market conditions, are vital for farmers but also*

*have a value for speculators on raw materials, food sellers and insurance companies; draws the attention of the Commission and the Member States to the risk of growing inequalities between farmers and overproduction of crops which are profitable but harmful to the environment;*

Or. fr

## **Amendment 72**

**Gilles Lebreton, Maxette Pirbakas**

### **Draft opinion**

#### **Paragraph 7**

##### *Draft opinion*

7. Emphasises the need for a robust legal framework that safeguards farmers' right to data sovereignty and that prevents distortion of competition *and the deterioration of farmers' autonomy, while not placing constraints on the development of a data-agile economy.*

##### *Amendment*

7. Emphasises the need for a robust legal framework that safeguards farmers' right to data sovereignty and that prevents distortion of competition *to their disadvantage.*

Or. fr

## **Amendment 73**

**Krzysztof Jurgiel**

### **Draft opinion**

#### **Paragraph 7**

##### *Draft opinion*

7. Emphasises the need for a robust legal framework that safeguards farmers' right to data sovereignty and that prevents distortion of competition and the deterioration of farmers' autonomy, while not placing constraints on the development of a data-agile economy.

##### *Amendment*

7. Emphasises the need for a robust legal framework that safeguards farmers' right to data sovereignty and that prevents distortion of competition and the deterioration of farmers' autonomy, while not placing constraints on the development of a data-agile economy, *and the need for*

*sufficient financial means.*

Or. en

**Amendment 74**  
**Balázs Hidvéghi**

**Draft opinion**  
**Paragraph 7**

*Draft opinion*

7. Emphasises the need for a robust legal framework that safeguards farmers' right to data sovereignty and that prevents distortion of competition and the deterioration of farmers' autonomy, while not placing constraints on the development of a data-agile economy.

*Amendment*

7. Emphasises the need for a robust legal framework that safeguards farmers' **and forest owners'** right to data sovereignty and that prevents distortion of competition and the deterioration of farmers' **and forest owners'** autonomy, while not placing constraints on the development of a data-agile economy.

Or. en

**Amendment 75**  
**Anne Sander**

**Draft opinion**  
**Paragraph 7**

*Draft opinion*

7. **Emphasises** the need for a robust legal framework that safeguards farmers' right to data sovereignty and that prevents distortion of competition and the deterioration of farmers' autonomy, while not placing constraints on the development of a data-agile economy.

*Amendment*

7. **Calls for a strengthening of cybersecurity and emphasises** the need for a robust legal framework that safeguards farmers' right to data sovereignty and that prevents distortion of competition and the deterioration of farmers' autonomy, while not placing constraints on the development of a data-agile economy.

Or. fr

## Amendment 76

Tonino Picula, Juozas Olekas, Carmen Avram, Attila Ara-Kovács, Pina Picierno, Ivo Hristov, Isabel Carvalhais, Paolo De Castro

### Draft opinion

#### Paragraph 7

##### *Draft opinion*

7. Emphasises the need for a robust legal framework that safeguards farmers' right to data sovereignty and that prevents distortion of competition and the deterioration of farmers' autonomy, while **not placing** constraints on the development of a data-agile economy.

##### *Amendment*

7. Emphasises the need for a robust legal framework that safeguards farmers' right to data sovereignty and that prevents distortion of competition and the deterioration of farmers' autonomy, while **supporting** the development of a data-agile economy.

Or. en

## Amendment 77

Manuel Bompard

### Draft opinion

#### Paragraph 7

##### *Draft opinion*

7. Emphasises the need for a robust legal framework that safeguards farmers' right to data sovereignty and that prevents distortion of competition and the deterioration of farmers' autonomy, while not placing constraints on the development of a data-agile economy.

##### *Amendment*

7. Emphasises the need for a robust legal framework that safeguards farmers' right to data sovereignty and that prevents distortion of competition and the deterioration of farmers' autonomy, while not placing constraints on the development of a data-agile economy, **and proposes making access to and the collection of data conditional on introducing an access request form to indicate the purpose of the collecting the data.**

Or. fr

## Amendment 78

Francisco Guerreiro

on behalf of the Verts/ALE Group

**Draft opinion**  
**Paragraph 7 a (new)**

*Draft opinion*

*Amendment*

**7a. Notes that farmers' ability to innovate and to transition towards agro-ecological practices is limited by their income, and that imposing digitalisation without financial support can create medium and long-term debt, limiting farmers' activities and creating dependence;**

Or. en

**Amendment 79**  
**Gilles Lebreton, Maxette Pirbakas**

**Draft opinion**  
**Paragraph 7 a (new)**

*Draft opinion*

*Amendment*

**7a. Is concerned, however, at the proposal to develop a common European agricultural data area, which should not lead to the unguarded disclosure of farmers' personal and professional data.**

Or. fr

**Amendment 80**  
**Juan Ignacio Zoido Álvarez**

**Draft opinion**  
**Paragraph 7 a (new)**

*Draft opinion*

*Amendment*

**7a. Underscores the need to put the farmer at the heart of the collection, processing and management of agricultural data, protecting him from unintentional and uninformed sharing of**

*data;*

Or. en

**Amendment 81**

**Ivo Hristov**

**Draft opinion**

**Paragraph 7 a (new)**

*Draft opinion*

*Amendment*

**7a. Reminds that the EU is a world leader in terms of animal welfare standards; urges in this regard member state authorities to improve the data collection and processing with the aim of providing faster and better medical diagnosing and treatment of livestock animals such as, cattle, equidae, small ruminants, poultry and bees among others, with the aim also of decreasing the AMR among them.**

Or. en

**Amendment 82**

**Petros Kokkalis**

**Draft opinion**

**Paragraph 7 a (new)**

*Draft opinion*

*Amendment*

**7a. Calls on the Commission to develop a framework for the sharing and analysing of agri data to facilitate the risk reduction and preparedness of farmers and workers in the agri-food sector;**

Or. en

**Amendment 83**  
**Francisco Guerreiro**  
on behalf of the Verts/ALE Group

**Draft opinion**  
**Paragraph 7 b (new)**

*Draft opinion*

*Amendment*

**7b. Notes that while digitalisation can be a source of employment, generally creating urban jobs that require high-tech knowledge, it can also have a negative impact on agriculture by leading to a decrease in the need for labour force and to rural exodus. Calls on the Commission and Member States to prioritise the support of rural SMEs, as well as tools aimed at reviving rural communities instead of depleting them;**

Or. en

**Amendment 84**  
**Juan Ignacio Zoido Álvarez**

**Draft opinion**  
**Paragraph 7 b (new)**

*Draft opinion*

*Amendment*

**7b. Reminds that farmers and agri-businesses should profit from data sharing in a transparent and fair regulatory framework that clearly defines proprietary rights, access rights and re-use rights.**

Or. en

**Amendment 85**  
**Ivo Hristov**

**Draft opinion**  
**Paragraph 7 b (new)**

*Draft opinion*

*Amendment*

**7b.** *Reminds the importance of accurate and up-to-date data on import of goods and products, among which agricultural, from third countries into the EU; reminds also that in its 2018 report on “A series of delays in Customs IT systems: what went wrong?” the ECA found that delays in the implementation of the new IT system for the Customs Union suffered among others from insufficient resources by the EU and Member States; is concerned that this delay might hinder the complete modernisation of the customs processes which could challenge the collection and/or use of reliable and accurate data on export and import of goods and products; calls on all concerned stakeholders to foresee necessary resources for the completion of the new Customs IT system, preferably before, but not later than the postponed deadline of 2025.*

Or. en

**Amendment 86**  
**Francisco Guerreiro**  
on behalf of the Verts/ALE Group

**Draft opinion**  
**Paragraph 7 c (new)**

*Draft opinion*

*Amendment*

**7c.** *Stresses that data and digital technologies should not be used to support intensive livestock production as this would undermine the ambition of the Farm to Fork Strategy to lower greenhouse gas emissions, reduce the on-farm use of antimicrobials and improve animal welfare;*

**Amendment 87**  
**Francisco Guerreiro**  
on behalf of the Verts/ALE Group

**Draft opinion**  
**Paragraph 7 d (new)**

*Draft opinion*

*Amendment*

**7d. Calls on the Commission to ensure that data collected or created with help of public funds stay public and are not appropriated by private companies;**

Or. en

**Amendment 88**  
**Francisco Guerreiro**  
on behalf of the Verts/ALE Group

**Draft opinion**  
**Paragraph 7 e (new)**

*Draft opinion*

*Amendment*

**7e. Calls on the Commission and Member States to support the development of smaller and more diversified companies and of a model of digital agriculture aimed at bolstering farmers' independence, rather than increasing corporate control over farmers and our food system; highlights in particular the need to support local and grassroots digital initiatives promoting open-sourced tools.**

Or. en