



2016/2305(INI)

14.2.2017

AMENDMENTS

1 - 82

Draft opinion

Andrew Lewer

(PE597.520v01-00)

Internet connectivity for growth, competitiveness and cohesion: European gigabit society and 5G
(2016/2305(INI))

Amendment 1
Krzysztof Hetman

Draft opinion
Paragraph -1 (new)

Draft opinion

Amendment

-1 *Whereas the future of European society and economy will rely on 5G infrastructure, the impact of which will go far beyond existing wireless access networks, with the aim for communication services, reachable everywhere, all the time and faster;*

Or. en

Amendment 2
Monika Vana, Bronis Ropè

Draft opinion
Paragraph 1

Draft opinion

Amendment

1. Expresses concern that the EU is lagging behind North America and parts of the Asia-Pacific region when it comes to 4G access **and** projections for 5G uptake;

1. Expresses **deep** concern that the EU is lagging behind North America and parts of the Asia-Pacific region when it comes to 4G access, **average data connection speed connection as well as** projections for 5G uptake;

Or. en

Amendment 3
Rosa D'Amato, Marco Zullo, Isabella Adinolfi

Draft opinion
Paragraph 1

Draft opinion

Amendment

1. Expresses concern that the EU is lagging behind North America and parts of the Asia-Pacific region when it comes to

1. Expresses concern that the EU is lagging behind North America and parts of the Asia-Pacific region when it comes to

4G access and projections for 5G uptake;

4G access and projections for 5G uptake;
voices its concern at the fact that, as evidenced by the data currently available, none of the 28 Member States have achieved the Digital Agenda target of 100% high- and ultra-high-speed coverage; points out that average next-generation-access coverage currently stands at below 25% in some Member States;

Or. it

Amendment 4

Andrew Lewer, Tomasz Piotr Poręba, Raffaele Fitto

Draft opinion

Paragraph 1

Draft opinion

1. Expresses concern that the EU is lagging behind North America and parts of the Asia-Pacific region when it comes to 4G access and projections for 5G uptake;

Amendment

1. Expresses concern that the EU is lagging behind North America and parts of the Asia-Pacific region when it comes to 4G access and projections for 5G uptake; *believes that Europe has much catching up to do as in 2015 more than 75% of the US population had access to 4G, versus only 28% of the EU population; is further concerned that industry predictions show that by 2022 there will be over 110 million 5G subscriptions in North America, versus only 20 million in Western Europe;*

Or. en

Amendment 5

Andor Deli

Draft opinion

Paragraph 1

Draft opinion

1. Expresses concern that the EU is lagging behind North America and parts of the Asia-Pacific region when it comes to

Amendment

1. Expresses concern that the EU is lagging behind North America and parts of the Asia-Pacific region when it comes to

4G access and projections for 5G uptake;

4G access and projections for 5G uptake, *as these would constitute important elements of investment into crucial, future-oriented infrastructure; welcomes therefore the recently reached political agreement on the use of the 700 MHz band for mobile broadband which will provide a good regulatory basis for the development of mobile broadband and 5G services;*

Or. en

Amendment 6
Julie Ward

Draft opinion
Paragraph 1

Draft opinion

1. Expresses concern that the EU is lagging behind North America and parts of the Asia-Pacific region when it comes to 4G access and projections for 5G uptake;

Amendment

1. Expresses concern that the EU is lagging behind North America and parts of the Asia-Pacific region when it comes to 4G access and projections for 5G uptake *in particular in rural areas;*

Or. en

Amendment 7
Martina Michels, Martina Anderson, Josu Juaristi Abaunz

Draft opinion
Paragraph 1 a (new)

Draft opinion

Amendment

1a. Welcomes the aim of making it possible for all the main socio-economic drivers such as schools, public service providers and digitally intensive businesses to be linked to high-performance telecommunications infrastructure by 2025 and considers that almost universal availability of high-performance internet access services at gigabit level is essential in order to

prevent a growing digital divide between urban and rural areas and to promote social, economic and territorial cohesion in its digital dimension;

Or. de

Amendment 8
Rosa D'Amato, Isabella Adinolfi, Marco Zullo

Draft opinion
Paragraph 1 a (new)

Draft opinion

Amendment

1a. Criticises the fact that free wireless provision is currently rather patchy and not properly tailored to needs; points out, in particular, that there is no overall strategy for promoting Wi-Fi access throughout the EU, including in rural and sparsely populated areas; believes that concerted efforts need to be made to establish a Digital Union in which 4G coverage is guaranteed throughout the EU, alongside the development of 5G;

Or. it

Amendment 9
Andor Deli

Draft opinion
Paragraph 1 a (new)

Draft opinion

Amendment

1 a. Notes that the digital divide between certain regions, particularly between rural and urban areas, is still on high level; underlines that the 5G and high-capacity broadband could reduce the digital gap and ensure that European citizens in rural and remote regions have access to the digital services under the same conditions as in urban areas, thus fostering further territorial and social

cohesion in the EU;

Or. en

Amendment 10

Martina Michels, Martina Anderson, Josu Juaristi Abaunz

Draft opinion

Paragraph 1 b (new)

Draft opinion

Amendment

1b. Stresses that basic broadband access as a universal service, and access to functioning internet services at affordable prices, which facilitate unlimited participation in the digital society and economy, should be regarded as a fundamental right of EU citizens, and considers guaranteeing basic broadband access to be an objective of general interest;

Or. de

Amendment 11

Rosa D'Amato, Marco Zullo, Isabella Adinolfi

Draft opinion

Paragraph 1 b (new)

Draft opinion

Amendment

1b. Believes it important also to guarantee all EU households access to download speeds of at least 100 Mbps and the prospect of joined-up 5G provision in all urban areas and on all main roads and railway lines; points out, however, that there is no binding requirement for these objectives to be met by the Member States;

Or. it

Amendment 12

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PE599.708v01-00

EN

Daniel Buda

**Draft opinion
Paragraph 2**

Draft opinion

2. Highlights the considerable amount of investment needed to secure a gigabit society and the challenges this poses for investors, operators and service providers; points out that in the next decade an additional EUR 155 billion is required to deliver gigabit connectivity for the Digital Single Market; acknowledges the critical importance of further investment to lower unit prices for consumers;

Amendment

2. Highlights the considerable amount of investment needed to secure a gigabit society and the challenges this poses for investors, operators and service providers ***and the creation of ecosystems with other industries***; points out that in the next decade an additional EUR 155 billion is required to deliver gigabit connectivity for the Digital Single Market; acknowledges the critical importance of further investment to lower unit prices for consumers;

Or. ro

Amendment 13

Viorica Dăncilă, Norica Nicolai, Daniel Buda

**Draft opinion
Paragraph 2**

Draft opinion

2. Highlights the considerable amount of investment needed to secure a gigabit society and the challenges this poses for investors, operators and service providers; points out that in the next decade an additional EUR 155 billion is required to deliver gigabit connectivity for the Digital Single Market; acknowledges the critical importance of further investment to lower unit prices for consumers;

Amendment

2. Highlights the considerable amount of investment needed to secure a gigabit society and the challenges this poses for investors, operators and service providers; points out that in the next decade an additional EUR 155 billion is required to deliver gigabit connectivity for the Digital Single Market, ***which will contribute to economic growth, job creation, competitiveness and cohesion in Europe***; acknowledges the critical importance of further investment to lower unit prices for consumers;

Or. ro

Amendment 14

PE599.708v01-00

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Draft opinion
Paragraph 2

Draft opinion

2. Highlights the considerable amount of investment needed to secure a gigabit society and the challenges this poses for investors, operators and service providers; points out that in the next decade an additional EUR 155 billion is required to deliver gigabit connectivity for the Digital Single Market; acknowledges the critical importance of further investment to lower unit prices for consumers;

Amendment

2. Highlights the considerable amount of investment needed to secure a gigabit society and the challenges this poses for investors, operators and service providers; points out that in the next decade an additional EUR 155 billion is required to deliver gigabit connectivity for the Digital Single Market; acknowledges the critical importance of further investment to lower unit prices for consumers; ***industry research shows that upwards of 90% of unit price per megabyte decline is delivered by investment as opposed to static effects such as competition; notes that by using a price per megabyte measure the US is a considerably cheaper market for consumers than Europe; believes that an average revenue per user (ARPU) measure can be misleading given that this does not convey the faster speeds, larger data packages, or unlimited offers used by US consumers;***

Or. en

Amendment 15
Monika Vana, Bronis Ropė

Draft opinion
Paragraph 2

Draft opinion

2. Highlights the considerable amount of investment needed to secure a gigabit society and the challenges this poses for investors, operators and service providers; points out that in the next decade an additional EUR 155 billion is required to deliver gigabit connectivity for the Digital Single Market; acknowledges the critical importance of further investment to lower

Amendment

2. Highlights the considerable amount of investment needed to secure a gigabit society and the challenges this poses for investors, operators and service providers; points out that in the next decade an additional EUR 155 billion is required to deliver gigabit connectivity for the Digital Single Market; acknowledges the critical importance of further investment to lower

unit prices for consumers;

unit prices for consumers *and increase the quality and coverage area of the services;*

Or. en

Amendment 16

Andrew Lewer, Tomasz Piotr Poręba, Raffaele Fitto

Draft opinion

Paragraph 2 a (new)

Draft opinion

Amendment

2 a. Notes that in total the European Structural and Investment Funds will contribute €21.4 billion towards securing the digital single market in the current programming period, including €6 billion for the roll out of high speed broadband networks; acknowledges the importance of these public funds in achieving the Commission's goals but believes that significantly more capital will need to be leveraged from the private sector if the continent is to secure an additional €155 billion of investment over the next decade;

Or. en

Amendment 17

Krzysztof Hetman

Draft opinion

Paragraph 2 a (new)

Draft opinion

Amendment

2 a. Believes that 5G is more than an evolution of mobile broadband. It will be a key enabler of the future digital world, the next generation of ubiquitous ultra-high broadband infrastructure that will support the transformation of processes in all economic sectors (public sector, healthcare, energy, utilities, manufactory, transportation, automotive, VR, online gaming and so forth) and providing new

services that improve every citizen's life;

Or. en

Amendment 18

Jan Olbrycht

Draft opinion

Paragraph 2 a (new)

Draft opinion

Amendment

2 a. *Stresses that 5G network deployment will depend on EU-wide contributions, with coherent and timely actions at the Member States, regions and cities level and should encourage and incentivise a long-term cross-sector innovation and economic industry-wide cooperative framework;*

Or. en

Amendment 19

Mercedes Bresso

Draft opinion

Paragraph 2 a (new)

Draft opinion

Amendment

2a. *Stresses the crucial role played by ESI funding in meeting broadband targets in the EU, and calls on the Commission to promote possible synergies between such funding and other sources of funding, such as the EFSI;*

Or. it

Amendment 20

Daniel Buda, Viorica Dăncilă, Norica Nicolai

Draft opinion

Paragraph 2 a (new)

Draft opinion

Amendment

2a. Stresses that all EU regions should benefit from the advantages of the gigabit society, which would make a significant contribution to boosting regional competitiveness and open up access to high-tech investment;

Or. ro

Amendment 21
Monika Vana, Bronis Ropè

Draft opinion
Paragraph 2 a (new)

Draft opinion

Amendment

2 a. Stresses the importance of ensuring the provision of and universal access to connectivity for economic, social and territorial cohesion;

Or. en

Amendment 22
Monika Vana, Bronis Ropè

Draft opinion
Paragraph 2 b (new)

Draft opinion

Amendment

2 b. Considers that gigabit connectivity plays a key role for the sustainable development, in particular in regions lagging behind, remote areas and sparsely populated regions, including for facilitation of public services and business opportunities;

Or. en

Amendment 23
Monika Vana, Bronis Ropè

Draft opinion
Paragraph 2 c (new)

Draft opinion

Amendment

2 c. Recalls that investment in ICT, in particular in enhancing access to, and use and quality of ICT, under the ERDF is an important priority and can be considered in order to comply with thematic concentration requirements; Calls on the Member States to make use of available investment opportunities and to strike for increasing efforts to achieve full territorial coverage of latest network standards;

Or. en

Amendment 24
Ivan Jakovčić, Jozo Radoš

Draft opinion
Paragraph 3

Draft opinion

Amendment

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; **acknowledges** the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, **rather than creating new ones**;

3. Calls on the Commission to ensure that Member States, **regional and** local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; **supports** the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, **examining possibilities for further investment from cohesion policy programs in post 2020 period**;

Or. en

Amendment 25
Jens Nilsson

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to ensure that Member States, local authorities and other *partners* are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Amendment

3. Calls on the Commission to ensure that Member States, local authorities and other *stakeholders* are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects, ***and emphasises that it should be possible for public funds to be used in sparsely populated areas where market-oriented solutions cannot be found***; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Or. sv

Amendment 26
Rosa D'Amato, Marco Zullo

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Amendment

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, ***low-risk*** financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Or. it

Amendment 27
Steeve Briois

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to ensure that Member States, **local authorities and other partners** are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, **such as Horizon 2020**, rather than creating new ones;

Amendment

3. Calls on the Commission to ensure that Member States are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, rather than creating new ones;

Or. fr

Amendment 28
Monika Vana, Bronis Ropè

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Amendment

3. Calls on the Commission to ensure that Member States, **regional and** local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Or. en

Amendment 29
Andor Deli

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Amendment

3. Calls on the Commission to ensure that Member States, **regional and** local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Or. en

Amendment 30
Jan Olbrycht

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Amendment

3. Calls on the Commission to ensure that Member States, local **and regional** authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Or. en

Amendment 31

Julie Ward

**Draft opinion
Paragraph 3**

Draft opinion

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Amendment

3. Calls on the Commission to ensure that Member States, local authorities and other partners, ***including the community and voluntary sector***, are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Or. en

**Amendment 32
Jens Nilsson**

**Draft opinion
Paragraph 3**

Draft opinion

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the ***complex*** range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Amendment

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Or. sv

Amendment 33

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Amendment

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; ***sees the value in the establishment of an online resource which enables infrastructure investors to review the full range of funding options which are available***; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Or. en

Amendment 34
Viorica Dăncilă, Norica Nicolai

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Amendment

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; ***takes the view that better cooperation at local and regional level is needed to extend fixed networks and guarantee gigabit connectivity in order to offer beneficiaries competitive offers and attractive prices with the aim of driving new investments***; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus

efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Or. ro

Amendment 35
Daniel Buda, Norica Nicolai

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones;

Amendment

3. Calls on the Commission to ensure that Member States, local authorities and other partners are able to engage with the complex range of grants, financial instruments and public-private partnerships that are available for connectivity projects; acknowledges the establishment of the Broadband Fund but urges the EIB and the Commission to focus efforts on improving existing programmes that support the IT sector, such as Horizon 2020, rather than creating new ones; ***calls on Member State authorities to make efforts to inform end-users of the advantages of broadband and 5G internet;***

Or. ro

Amendment 36
Julie Ward

Draft opinion
Paragraph 3 a (new)

Draft opinion

Amendment

3 a. Recalls that the significant contrast in broadband speeds in rural and urban areas in many Member States is a severe disadvantage for rural areas, where there are large numbers of small and micro enterprises and businesses dependent on effective connectivity,

putting at risk the social, cultural and economic life in the communities there;

Or. en

Amendment 37

Rosa D'Amato, Marco Zullo, Isabella Adinolfi

Draft opinion

Paragraph 3 a (new)

Draft opinion

Amendment

3a. Calls on the Commission to ensure that each Member State maps its network so as to be able to identify the digital exclusion zones, with a view to ensuring blanket 4G coverage alongside the development of 5G;

Or. it

Amendment 38

Jens Nilsson

Draft opinion

Paragraph 3 a (new)

Draft opinion

Amendment

3a. Emphasises that fast connections enhance opportunities as regards making it possible to reside, live, obtain training and work anywhere in the EU, and that fast connections are essential in order to enable people and companies to take advantage of the opportunities offered by digitalisation;

Or. sv

Amendment 39

Stanislav Polčák

Draft opinion

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Paragraph 3 a (new)

Draft opinion

Amendment

3 a. Asks the Member States to pay particular attention to projects aiming to broadening Internet access under the ESI Funds in the 2014-2020 programming period;

Or. en

Amendment 40
Krzysztof Hetman

Draft opinion
Paragraph 3 a (new)

Draft opinion

Amendment

3 a. Calls the Commission to ensure and maintain financing the 5G Action Plan at the proper level in the horizon of the next Multiannual financial framework 2020-2027;

Or. en

Amendment 41
Julie Ward

Draft opinion
Paragraph 3 b (new)

Draft opinion

Amendment

3 b. Reiterates the need to bridge the connectivity gap between regions, in particular in rural and isolated areas, and to foster digital inclusion and internet access including for older people, which are also crucial elements in terms of active citizenship and social inclusion; underlines the particular role of the European structural and investments funds in achieving an inclusive and cohesive gigabit society;

Amendment 42

Rosa D'Amato, Marco Zullo, Isabella Adinolfi

Draft opinion

Paragraph 3 b (new)

Draft opinion

Amendment

3b. Calls on the Commission to provide support for new networks and innovative services, including 5G, and to tailor spectrum management arrangements to a highly technological environment and offer efficient means of providing a high-quality service and a secure user environment;

Or. it

Amendment 43

Julie Ward

Draft opinion

Paragraph 4

Draft opinion

Amendment

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national regulatory authorities and local government; ***is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;***

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national regulatory authorities and local government;

Or. en

Amendment 44
Liliana Rodrigues

Draft opinion
Paragraph 4

Draft opinion

4. Believes that *the ambitious goals published by the Commission in September 2016 will not be achieved without empowering* Member States, national regulatory authorities and local government; *is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional* bureaucracy and *an undermining of its independence*;

Amendment

4. Believes that *it is necessary to provide* Member States, national regulatory authorities and local government *with means of achieving the technology goals published by the Commission in September 2016; reiterates the importance of additional simplification at EU level for the new electronic communications framework in order to reduce* bureaucracy and *administrative procedures*;

Or. pt

Amendment 45
Andor Deli

Draft opinion
Paragraph 4

Draft opinion

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national regulatory authorities and local **government; is deeply concerned** that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the **potential** for increased EU-level interference, additional bureaucracy and an undermining of its independence;

Amendment

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national regulatory authorities, **regional** and local **governments; calls on the Commission to take into account the specific geographical, social and economic circumstances of all regions during the creation of new regulatory framework and its implementation in order to achieve comprehensive 5G deployment and maximize its economic impact across all Member States ; points out** that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic

communications framework highlights the **possibility** for increased EU-level interference, additional bureaucracy and an undermining of its independence;

Or. en

Amendment 46
Ivan Jakovčić, Jozo Radoš

Draft opinion
Paragraph 4

Draft opinion

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national regulatory authorities and local government; is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

Amendment

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national regulatory authorities, **regional** and local government **and without collaboration between them; the Member States have to be ready for clear, common, harmonised decision-making process**; is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

Or. en

Amendment 47
Steeve Briois

Draft opinion
Paragraph 4

Draft opinion

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national regulatory authorities **and local**

Amendment

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States **and** national regulatory authorities; is deeply concerned

government; is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

Or. fr

Amendment 48
Jens Nilsson

Draft opinion
Paragraph 4

Draft opinion

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national regulatory authorities and local government; is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

Amendment

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without **involving and** empowering Member States, national regulatory authorities, **and regional** and local government; is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

Or. sv

Amendment 49
Monika Vana, Bronis Ropė

Draft opinion
Paragraph 4

Draft opinion

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national

Amendment

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national

regulatory authorities and local **government**; is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

regulatory authorities, **regional** and local **authorities and governments**; is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

Or. en

Amendment 50 **Jan Olbrycht**

Draft opinion **Paragraph 4**

Draft opinion

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national regulatory authorities and local government; is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

Amendment

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without empowering Member States, national regulatory authorities and local **and regional** government; is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

Or. en

Amendment 51 **Tonino Picula**

Draft opinion **Paragraph 4**

Draft opinion

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without

Amendment

4. Believes that the ambitious goals published by the Commission in September 2016 will not be achieved without

empowering Member States, national regulatory authorities and local government; is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

empowering Member States, national regulatory authorities and local government; ***notes that the outermost, peripheral and island regions have benefited only marginally from the current regulations; calls on Commission to pay special attention to covering the whole of the territory of the Union with 4G access and projections for 5G uptake;*** is deeply concerned that the opinion of the Body of European Regulators for Electronic Communications (BEREC) on the new electronic communications framework highlights the potential for increased EU-level interference, additional bureaucracy and an undermining of its independence;

Or. en

Amendment 52

Ivan Jakovčić, Jozo Radoš

Draft opinion

Paragraph 4 a (new)

Draft opinion

Amendment

4 a. In order to improve implementation, besides the infrastructural investments, new skills and necessary educational changes will be required; educational dimension of the implementation of the 5G development should be provided by using opportunities within the European social fund; territorial cross-border cooperation programs should be consider as resource for investments in 5G, improving connectivity and cohesion between the border regions;

Or. en

Amendment 53

Andor Deli

Draft opinion
Paragraph 4 a (new)

Draft opinion

Amendment

4 a. *Stresses that there is a need for country-specific, tailor-made strategic plans; calls therefore on the Member States to revise their National Broadband Plans and develop national 5G deployment roadmaps as a part of NBPs in accordance with the common objectives, as well as taking into account the regional development dimension;*

Or. en

Amendment 54
Stanislav Polčák

Draft opinion
Paragraph 4 a (new)

Draft opinion

Amendment

4 a. *Emphasises that financial assistance should seek to attain a geographically balanced distribution, taking into account the principle of economic, social and territorial cohesion and the different levels of development of ICT infrastructure;*

Or. en

Amendment 55
Urmas Paet

Draft opinion
Paragraph 4 a (new)

Draft opinion

Amendment

4a. *Stresses that access to public e-services is vital, as a modern communications infrastructure is the basis for devising services and*

applications aimed at public-sector institutions, businesses and the public;

Or. et

Amendment 56
Krzysztof Hetman

Draft opinion
Paragraph 4 a (new)

Draft opinion

Amendment

4 a. Stresses that commercial investments should be supported by a policy and regulatory environment and not be delayed by overly ambitious public schemes that may impede 5G implementations;

Or. en

Amendment 57
Krzysztof Hetman

Draft opinion
Paragraph 4 b (new)

Draft opinion

Amendment

4 b. Notes that in order to achieve coordinated 5G deployment across all EU Member States, there is a need for the consideration of specific economic and geographic national circumstances;

Or. en

Amendment 58
Krzysztof Hetman

Draft opinion
Paragraph 4 c (new)

Draft opinion

Amendment

4 c. Calls on the Member State to develop, by mid-2018, national 5G deployment roadmaps as part of the National Broadband Plan;

Or. en

Amendment 59
Krzysztof Hetman

Draft opinion
Paragraph 4 d (new)

Draft opinion

Amendment

4 d. Calls on the Commission to assess the National Broadband Plans to identify gaps and formulate country-specific recommendations for further action;

Or. en

Amendment 60
Monika Vana, Bronis Ropè

Draft opinion
Paragraph 5

Draft opinion

Amendment

5. **Welcomes** the certainty that 25-year licences for radio spectrum **will bring to investors**; calls on the Commission to review its approach to harmonisation given that one third of the spectrum that can be used for wireless mobile broadband remains unassigned; believes that there is little evidence to justify further centralisation of spectrum policy, for example through implementing acts.

5. **Acknowledges** the certainty that 25-year licences for radio spectrum **may foster investments, however is deeply concerned that in the long run such provision may hinder competition among service providers and would not foster further increase in quality of services**; calls on the Commission to review its approach to harmonisation given that one third of the spectrum that can be used for wireless mobile broadband remains unassigned; believes that there is little evidence to justify further centralisation of spectrum policy, for example through implementing acts.

Amendment 61
Julie Ward

Draft opinion
Paragraph 5

Draft opinion

5. Welcomes the certainty that 25-year licences for radio spectrum will bring to investors; calls on the Commission to review its approach to harmonisation given that one third of the spectrum that can be used for wireless mobile broadband remains unassigned; ***believes that there is little evidence to justify further centralisation of spectrum policy, for example through implementing acts.***

Amendment

5. Welcomes the certainty that 25-year licences for radio spectrum will bring to investors; calls on the Commission to review its approach to harmonisation given that one third of the spectrum that can be used for wireless mobile broadband remains unassigned;

Or. en

Amendment 62
Andor Deli

Draft opinion
Paragraph 5

Draft opinion

5. Welcomes the certainty that 25-year licences for radio spectrum will bring to investors; calls on the Commission to review its approach to harmonisation given that one third of the spectrum that can be used for wireless mobile broadband remains unassigned; ***believes that there is little evidence to justify further centralisation of spectrum policy, for example through implementing acts.***

Amendment

5. Welcomes the certainty that 25-year licences for radio spectrum will bring to investors; calls on the Commission to review its approach to harmonisation given that one third of the spectrum that can be used for wireless mobile broadband remains unassigned; ***in order to avoid fragmentation and promote cross-border usage encourages the Commission to seek international cooperation with the aim to achieve harmonized global standards for 5G.***

Or. en

Amendment 63
Andrew Lewer, Tomasz Piotr Poręba, Raffaele Fitto

Draft opinion
Paragraph 5 a (new)

Draft opinion

Amendment

5 a. Acknowledges that revenues across the telecoms industry are dwindling and that this poses a significant problem for further investment to achieve a gigabit society; financing for deals is strongly linked to share prices and in this respect loans, bonds and other financial instruments can be secured when an investment has a guaranteed return over a long-term period; further calls on the Commission to look further at how local authorities and other service providers can enter the market to provide specialised services under alternative business models;

Or. en

Amendment 64
Monika Vana, Bronis Ropè

Draft opinion
Paragraph 5 a (new)

Draft opinion

Amendment

5 a. Urges the Commission and the Council to fully exploit the potential that the development of 5G technologies, information society, ICT and the internet have to promote women's empowerment, women's rights and freedoms and gender equality, irrespective of age, disability, genetic features, gender, sexual orientation, gender identity, race, social or ethnic origin, religion or belief or economic status;

Or. en

Amendment 65
Mercedes Bresso

Draft opinion
Paragraph 5 a (new)

Draft opinion

Amendment

5a. Draws attention to the need for particular attention to be paid to remote, isolated, outlying, rural and mountain areas and to all parts of the EU in which public support is necessary in order to offset a lack of financial returns for private investors;

Or. it

Amendment 66
Liliana Rodrigues

Draft opinion
Paragraph 5 a (new)

Draft opinion

Amendment

5a. Reiterates that better Internet connectivity must have a role to play in territorial cohesion and in promoting equal opportunities, creating jobs, and improving people's living standards;

Or. pt

Amendment 67
Jan Olbrycht

Draft opinion
Paragraph 5 a (new)

Draft opinion

Amendment

5 a. Welcomes the European Commission Initiative to establish the Participatory Broadband Platform to ensure high level engagement of public and private entities, as well as local and

regional authorities;

Or. en

Amendment 68

Rosa D'Amato, Marco Zullo, Isabella Adinolfi

Draft opinion

Paragraph 5 a (new)

Draft opinion

Amendment

5a. Recommends that the Commission should do all in its power to secure a gigabit society in the EU that is in keeping with the principle of economic, social and territorial cohesion;

Or. it

Amendment 69

Andrew Lewer, Tomasz Piotr Poręba, Raffaele Fitto

Draft opinion

Paragraph 5 b (new)

Draft opinion

Amendment

5 b. Calls on the Commission to undertake further analysis of the demand for 5G technology given that this area has been insufficiently examined and is subject to considerable difference of opinion; notes that the Commission's primary study into this issue was undertaken by a technology research consultancy; asks in particular for more consultation with academia and infrastructure investors in order to get a reliable picture of future 5G demand; believes that the Commission should undertake and publish a literature review which aggregates all available studies of European 5G demand into a single research paper;

Or. en

Amendment 70
Liliana Rodrigues

Draft opinion
Paragraph 5 b (new)

Draft opinion

Amendment

5b. *Draws the Commission's attention to network coverage matters, regarding which rural areas, remote areas, and those with specific characteristics, for example the outermost regions, need to be taken particularly into account;*

Or. pt

Amendment 71
Jan Olbrycht

Draft opinion
Paragraph 5 b (new)

Draft opinion

Amendment

5 b. *Recommends the Commission to establish an annual progress review and recommendations reporting on the 5G Action Plan and informs the European Parliament of the results;*

Or. en

Amendment 72
Andrew Lewer, Tomasz Piotr Poręba, Raffaele Fitto

Draft opinion
Paragraph 5 c (new)

Draft opinion

Amendment

5 c. *Observes that due to their remote location rural areas are unlikely to feel the same benefits from the gigabit society that are felt in cities; asserts the belief*

that we need resolute ambition for rural areas when it comes to the gigabit society, believes that a focus should be placed on the rolling out of existing technologies such as 4G in the countryside, rather than just focusing on the next generation; expresses concern that 5G technology is currently untenable except in densely populated areas and that this will further increase the digital divide; recognises that because investing in rural areas requires a significantly higher proportion of investment per head this means rural areas risk getting left behind; notes that the digital divide means that while 58% of the EU's population live in rural, remote and mountainous areas, only 25% of these are covered by speeds above 30 mbps; recognises therefore that the Commission's target of at least 100 Mbps download speeds by 2025 for all households, both rural and urban, is extremely ambitious;

Or. en

Amendment 73
Liliana Rodrigues

Draft opinion
Paragraph 5 c (new)

Draft opinion

Amendment

5c. Urges the Commission to give effect to Article 349 of the Treaty on the Functioning of the European Union by making the ORs a major area in which to set up pilot projects by implementing the 5G network;

Or. pt

Amendment 74
Andrew Lewer, Raffaele Fitto

Draft opinion
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Paragraph 5 d (new)

Draft opinion

Amendment

5 d. *Believes that it's important for member states to continue tailoring their regulation to national and local circumstances; is therefore troubled by proposed reforms to the body of European Regulators for Electronic Communications (BEREC) which would turn the organisation into a decentralized EU agency with permanent staff chairing expert working groups; is also concerned that the Commission will gain the power of veto over national regulatory authorities' (NRAs) regulatory remedies, as well as the Commission's proposals to introduce implementing acts into the new Code which will allow top down measures to resolve cross border disputes; believes that it is NRAs who are best placed to design, implement and review telecoms decisions; believes that up until now BEREC has played a proportionate role ensuring harmonisation across Europe and that these reforms risk upsetting this balance;*

Or. en

Amendment 75
Liliana Rodrigues

Draft opinion
Paragraph 5 d (new)

Draft opinion

Amendment

5d. *Considers it important to secure a return on existing investment programmes and, where appropriate, set up other incentive schemes so as to enable investors to back the 5G sector;*

Or. pt

Amendment 76
Andrew Lewer, Raffaele Fitto

Draft opinion
Paragraph 5 e (new)

Draft opinion

Amendment

5 e. Recommends that the EU Commission pursues a policy of technology neutrality when it comes to pursuing a gigabit society; believes that technology choices should primarily be left to the markets' participants in order to ensure that the realities of demand are met; further supports symmetric regulation that does not inhibit the ability of new or smaller companies to enter the market; is therefore concerned about the Commission's proposal which would see NRAs only being able to impose symmetric access obligations when a particular request has been made to them;

Or. en

Amendment 77
Liliana Rodrigues

Draft opinion
Paragraph 5 e (new)

Draft opinion

Amendment

5e. Points to the importance of cooperation between university centres and research institutes, which have the potential to become strategic partners in the development and implementation of 5G network projects, while maximising synergies with Horizon 2020;

Or. pt

Amendment 78
Andrew Lewer, Tomasz Piotr Poręba, Raffaele Fitto

Draft opinion
Paragraph 5 f (new)

Draft opinion

Amendment

5 f. Welcomes the consolidation of four existing directives into a Single Communications Code; believes that simplification and clarification can only help businesses to invest; also welcomes new rules on transparency which will see consumers provided with the most important contract information in a 'short form' document;

Or. en

Amendment 79
Liliana Rodrigues

Draft opinion
Paragraph 5 f (new)

Draft opinion

Amendment

5f. Urges the Member States and local and regional authorities to take the lead in setting up 5G networks in a responsible, inclusive way, while safeguarding consumers' rights;

Or. pt

Amendment 80
Andrew Lewer, Tomasz Piotr Poręba, Raffaele Fitto

Draft opinion
Paragraph 5 g (new)

Draft opinion

Amendment

5 g. Is pleased that the Commission is pushing forward co-investment schemes so operators can share the risks associated with expenditure on very high capacity networks; notes that companies need more certainty on technology that

would be included and reassurance that the process of co-investment is conducted in a fair and open manner;

Or. en

Amendment 81
Liliana Rodrigues

Draft opinion
Paragraph 5 g (new)

Draft opinion

Amendment

5g. *Draws the Commission's attention to the importance of transparent competition processes at every level of development and implementation of 5G technology;*

Or. pt

Amendment 82
Andrew Lewer, Tomasz Piotr Poręba, Raffaele Fitto

Draft opinion
Paragraph 5 h (new)

Draft opinion

Amendment

5 h. *Believes in the central importance of the availability of spectrum in the roll out of 5G networks across Europe; acknowledges that there is still a great deal of uncertainty within the industry about the spectrum bands that will ultimately be used for 5G technology; notes that there is likely to be huge demand for 5G spectrum, as there currently is for 4G spectrum, which means costs for investors will continue to rise;*

Or. en