



EUROPEAN PARLIAMENT

2009 - 2014

Committee on Agriculture and Rural Development

2011/2095(INI)

27.7.2011

AMENDMENTS

1 - 68

Draft opinion
Béla Glattfelder
(PE467.262v01.00)

A Roadmap for moving to a competitive low carbon economy in 2050
(2011/2095(INI))

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PE469.998v01-00

EN

United in diversity

EN

AM_Com_NonLegOpinion

Amendment 1
Lorenzo Fontana

Draft opinion
Paragraph 1

Draft opinion

1. Recalls that the agricultural sector can contribute to further mitigating climate change, **and the CAP post 2013 is expected to enhance this contribution**; notes, however, that, in the longer run, the emission reduction potential of agriculture is rather limited compared to other sectors;

Amendment

1. Recalls that the agricultural sector can contribute to further mitigating climate change; notes, however, that, in the longer run, the emission reduction potential of agriculture is rather limited compared to other sectors;

Or. it

Amendment 2
Lena Ek, Britta Reimers; George Lyon, Riikka Manner, Liam Aylward

Draft opinion
Paragraph 1

Draft opinion

1. **Recalls that the agricultural sector can contribute to further mitigating** climate change, and the CAP post 2013 is expected to enhance this contribution; notes, **however**, that, **in the longer run**, the **emission reduction potential of** agriculture **is rather limited** compared to **other sectors**;

Amendment

1. **Believes that agriculture is well placed to make a major contribution to tackling** climate change, **creating new jobs through green growth and supplying renewable energy**; **stresses that** the CAP post 2013 is expected to enhance this contribution; **recognises that agriculture has already substantially reduced its emissions through improved production efficiency and** notes that the **Commission's analysis shows that by 2050 the agriculture sector can reduce non-CO2 emissions by between 42 and 49%** compared to **1990-levels**;

Or. en

Amendment 3
Elisabeth Köstinger

Draft opinion
Paragraph 1

Draft opinion

1. Recalls that the agricultural sector *can contribute* to further mitigating climate change, and the CAP post 2013 is expected to enhance this contribution; notes, however, that, in the longer run, the emission reduction potential of agriculture is rather limited compared to other sectors;

Amendment

1. Recalls that the agricultural sector *contributes* to further mitigating climate change, and the CAP post 2013 is expected to enhance this contribution; notes, however, that, in the longer run, the emission reduction potential of agriculture is rather limited compared to other sectors; ***stresses that all countries that are the main emitters must make an appropriate contribution;***

Or. de

Amendment 4
Karin Kadenbach

Draft opinion
Paragraph 1

Draft opinion

1. Recalls that the agricultural sector can contribute to further mitigating climate change, and the CAP post 2013 *is expected to* enhance this contribution; ***notes, however, that, in the longer run, the emission reduction potential of agriculture is rather limited*** compared to other sectors;

Amendment

1. Recalls that the agricultural sector can contribute to further mitigating climate change, and the CAP post 2013 *must* enhance this contribution; ***points out that the Commission analysis shows that by 2050 the agriculture sector can reduce non-CO2 emissions by between 42 and 49%*** compared to 1990;

Or. fr

Amendment 5

Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion

Paragraph 1

Draft opinion

1. Recalls that the agricultural sector can contribute to further mitigating climate change, and the CAP post 2013 is expected to enhance this contribution; notes, ***however, that, in the longer run, the emission reduction potential of agriculture is rather limited compared to other sectors;***

Amendment

1. Recalls that the agricultural sector can contribute to further mitigating climate change, and the CAP post 2013 is expected to enhance this contribution; notes that ***significant greenhouse gas emission reductions can be achieved*** in the ***agricultural sector which can lead to a win-win-win situation by increasing farmers' long term economic and agronomic viability, via increased climate resilience and reduced eutrophication, and lower external costs of pollution for society as a whole;***

Or. en

Amendment 6

Esther Herranz García, Gabriel Mato Adrover

Draft opinion

Paragraph 1

Draft opinion

1. Recalls that the agricultural sector can contribute to further mitigating climate change, and the CAP post 2013 is expected to enhance this contribution; ***notes, however, that, in the longer run, the emission reduction potential of agriculture is rather limited compared to other sectors;***

Amendment

1. Recalls that the agricultural sector can contribute to further mitigating climate change, and the CAP post 2013 is expected to enhance this contribution;

Or. es

Amendment 7
Lena Ek, George Lyon

Draft opinion
Paragraph 1 a (new)

Draft opinion

Amendment

1a. Stresses that clear emission targets will stimulate the necessary early investments in R&D, demonstration and deployment of low-emitting technologies and that defining a long-term strategy is paramount to ensuring that the EU is on track for achieving its agreed objective of reducing emissions by 2050; calls on the Commission to propose mid-term emission reduction objectives for 2030 and 2040 for all relevant sectors, including agriculture; these targets should follow a linear trajectory between current emissions levels, the 2020 objective and the 95% reductions are to be made until 2050;

Or. en

Amendment 8
Bas Eickhout, Martin Häusling, José Bové

Draft opinion
Paragraph 1 a (new)

Draft opinion

Amendment

1a. Stresses that livestock production is responsible for around 10% of EU greenhouse gas emissions; notes that both sustainable livestock production and reduced meat consumption are vital to reducing agricultural emissions; recalls that such a transition to a more healthy diet could reduce methane and nitrous oxides emissions substantially;

Or. en

Amendment 9
Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion
Paragraph 1 b (new)

Draft opinion

Amendment

1b. Considers that long term competitiveness can only be achieved by having healthy, biologically diverse agro-ecosystems that are climate resilient and by taking due care of limited and finite natural resources, such as soil, water and land;

Or. en

Amendment 10
Lena Ek, Britta Reimers, George Lyon, Riikka Manner

Draft opinion
Paragraph 2

Draft opinion

Amendment

2. Notes that emission mitigation efforts are expected to increase demand for bio-energy ***and stresses that agriculture is not part of the problem but a solution to it, being a producer of*** biomass and biofuels;

2. Notes that emission mitigation efforts are expected to increase demand for bio-energy; stresses ***the great potential*** of the ***agriculture sector to contribute to the Europe 2020-strategy by increasing the production of sustainable energy, such as*** biomass and biofuels, ***thereby creating new jobs in rural areas;***

Or. en

Amendment 11
Karin Kadenbach

Draft opinion
Paragraph 2

Draft opinion

2. Notes that emission mitigation efforts are expected to increase demand for bio-energy *and* stresses that ***agriculture is not part of the problem but a solution to it, being a producer of biomass and biofuels;***

Amendment

2. Notes that emission mitigation efforts are expected to increase demand for bio-energy *but* stresses that biomass and biofuels ***should be produced sustainably and hopes that the Commission will include this consideration, and more specifically the ‘indirect land use change’ (ILUC) impact of biofuels, in its forthcoming proposal;***

Or. fr

Amendment 12
Rareş-Lucian Niculescu

Draft opinion
Paragraph 2

Draft opinion

2. Notes that emission mitigation efforts are expected to increase demand for bio-energy and stresses that agriculture is not part of the problem but a solution to it, being a producer of biomass and biofuels;

Amendment

2. Notes that emission mitigation efforts are expected to increase demand for bio-energy and stresses that agriculture is not part of the problem but a solution to it, being a producer of biomass and biofuels; ***emphasises that synergies should be sought between the development of renewable energies and rendering bio-energy production more efficient, with a view to reducing the impact on the agrifood sector;***

Or. ro

Amendment 13
Rolandas Paksas

Draft opinion
Paragraph 2

Draft opinion

2. Notes that emission mitigation efforts are expected to increase demand for *bio-energy* and stresses that agriculture is not part of the problem but a solution to it, being a producer of biomass and biofuels;

Amendment

2. Notes that emission mitigation efforts are expected to increase demand for *bioenergy* and stresses that agriculture is not part of the problem but a solution to it, being a producer of biomass and biofuels; ***stresses, however, that growth in bioenergy must not lead to other end uses of agricultural or forestry products being too greatly affected;***

Or. It

Amendment 14

Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

**Draft opinion
Paragraph 2**

Draft opinion

2. Notes that emission mitigation efforts are expected to increase demand for bio-energy and stresses that agriculture is not part of the problem but ***a solution to it, being a producer of biomass and biofuels;***

Amendment

2. Notes that emission mitigation efforts are expected to increase demand for bio-energy and stresses ***therefore*** that agriculture is not ***only*** part of the problem but ***can also offer solutions; notes that special care must be taken regarding turning over land used for food production to growing biofuel crops, in order to avoid clearance of forests and other ecosystems and food price rises;***

Or. en

Amendment 15

Elisabeth Jeggle

**Draft opinion
Paragraph 2**

Draft opinion

2. Notes that emission mitigation efforts are expected to increase demand for *bio-energy* and stresses that agriculture is not part of the problem but a solution to it, being a producer of biomass and biofuels;

Amendment

2. Notes that emission mitigation efforts are expected to increase demand for *bioenergy* and stresses that agriculture is not part of the problem but a solution to it, being a producer of biomass and biofuels; ***calls, therefore, for greater recognition of the contribution made by agriculture and forestry through the sustainable production of renewable energy, which is currently credited to the energy, transport and heating sectors when taking stock;***

Or. de

Amendment 16
Rareş-Lucian Niculescu

Draft opinion
Paragraph 2 a (new)

Draft opinion

Amendment

2a. Emphasises the importance of new technologies in the development of renewable energies and the production of bio-energy and indicates that the EU should harness every available innovation in order to achieve its objectives for the reduction of CO₂ emissions;

Or. ro

Amendment 17
Herbert Dorfmann

Draft opinion
Paragraph 2 a (new)

Draft opinion

Amendment

2a. Stresses that sustainable use of forests

contributes to reducing CO₂ emissions and that it is therefore necessary to take measures under the second agricultural policy pillar to enable forests to be managed even in difficult locations;

Or. de

Amendment 18
Lorenzo Fontana

Draft opinion
Paragraph 3

Draft opinion

3. Recalls that the action on climate change and the need to ensure global food security are dual challenges which need to be pursued together;

Amendment

deleted

Or. it

Amendment 19
Elisabeth Köstinger

Draft opinion
Paragraph 3

Draft opinion

3. Recalls that the action on climate change and the need to ensure global food security are dual challenges which need to be pursued together;

Amendment

3. Recalls that the action on climate change and the need to ensure global food security are dual challenges which need to be pursued together; *stresses that the essential need, on the one hand, to expand production and the need, on the other hand, to increase the sequestration of carbon in soil and biomass must not lead to a conflict of goals;*

Or. de

Amendment 20

Lena Ek, Britta Reimers, George Lyon, Riikka Manner, Liam Aylward

Draft opinion

Paragraph 3

Draft opinion

3. Recalls that the action on climate change and the need to ensure global food security are dual challenges which need to be pursued together;

Amendment

3. Recalls that, *as the world's arable land decreases, while the population increases*, action on climate change and the need to ensure global food security are dual challenges which need to be pursued together; *recognises that the EU must respond to these challenges by taking the lead in developing a new model of agriculture based on sustainable intensification techniques that increase production while reducing the use of scarce resources of water, energy and land*;

Or. en

Amendment 21

Karin Kadenbach

Draft opinion

Paragraph 3

Draft opinion

3. Recalls that the action on climate change *and* the need to ensure global food security are *dual* challenges which need to be pursued together;

Amendment

3. Recalls that the action on climate change, the need to ensure global food security, *resource depletion, water pollution, the efficient use of energy, respect for animal health and welfare, the more effective use of ecosystems and biodiversity loss* are *interconnected* challenges which need to be pursued together;

Or. fr

Amendment 22
Juozas Imbrasas

Draft opinion
Paragraph 3

Draft opinion

3. Recalls that the action on climate change and the need to ensure global food security are dual challenges which need to be pursued together;

Amendment

3. Recalls that the action on climate change and the need to ensure global food security are dual challenges which need to be pursued together; ***in the light of the fact that water, in particular drinking water, will be a scarce resource in future, considers it necessary to develop efficient irrigation systems in order to enable efficient agricultural production methods in the Member States, which will permit the population's food needs to be met and ensure that agricultural products are able to be exported;***

Or. It

Amendment 23
Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion
Paragraph 3

Draft opinion

3. Recalls that ***the action on*** climate change and ***the need to ensure*** global food security are ***dual*** challenges which need to be pursued together;

Amendment

3. Recalls that climate change, ***biodiversity*** and global food security are ***triple*** challenges which need to be pursued together;

Or. en

Amendment 24
Vasilica Viorica Dăncilă

Draft opinion
Paragraph 3 a (new)

Draft opinion

Amendment

3a. Emphasises the fact that climate change is a decisive long-term factor and that it is therefore necessary for the EU to take cohesive action, both within the EU and internationally, to combat climate change and to achieve a competitive low-CO₂ emission economy by 2050;

Or. ro

Amendment 25

Lena Ek, Britta Reimers, George Lyon, Riikka Manner

Draft opinion

Paragraph 4

Draft opinion

4. Notes that *careful*, internationally concerted approach is needed *since EU agriculture is prone to carbon leakage*, in particular through the asymmetric phase-in of a carbon price;

Amendment

4. Notes that *an* internationally concerted approach *towards a global climate agreement* is needed, so as to ensure a level playing field with agricultural sectors in other economies;

Or. en

Amendment 26

Karin Kadenbach

Draft opinion

Paragraph 4

Draft opinion

4. Notes that careful, internationally concerted approach is needed since EU agriculture is prone to carbon leakage, *in particular through the asymmetric phase-in of a carbon price*;

Amendment

4. Notes that *a* careful, internationally concerted approach is needed since EU agriculture is prone to carbon leakage;

Or. fr

Amendment 27

Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion

Paragraph 4

Draft opinion

4. Notes that *careful, internationally concerted approach* is *needed since* EU agriculture is prone to carbon leakage, in particular through the *asymmetric phase-in of a carbon price*;

Amendment

4. Notes that *there* is *currently no* EU carbon *price for the agricultural sector and therefore the carbon* leakage impacts for the *EU agriculture sector are very limited*;

Or. en

Amendment 28

Rareş-Lucian Niculescu

Draft opinion

Paragraph 5

Draft opinion

5. Recalls that improved agricultural and forestry practices should increase the capacity of the sector to preserve and sequester carbon in soils and forests;

Amendment

5. Recalls that improved agricultural and forestry practices should increase the capacity of the sector to preserve and sequester carbon in soils and forests; *stresses at the same time that most forest owners are also farmers*;

Or. ro

Amendment 29

Rolandas Paksas

Draft opinion

Paragraph 5

Draft opinion

5. Recalls that improved agricultural and forestry practices should increase the

Amendment

5. Recalls that improved agricultural and forestry practices, *the introduction of*

capacity of the sector to preserve and sequester carbon in soils and forests;

targeted measures and a reduction in demand for wood in the rough should increase the capacity of the sector to preserve and sequester carbon in soils and forests; ***underlines the EU's objective of curbing the deforestation occurring worldwide, in particular in developing countries, and of halting global forest cover loss by 2030 at the latest;***

Or. It

Amendment 30

Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion

Paragraph 5

Draft opinion

5. Recalls that improved agricultural and forestry practices should increase the capacity of the sector to preserve and sequester carbon in soils and forests;

Amendment

5. Recalls that improved agricultural and forestry practices should increase the capacity of the sector to preserve and sequester carbon in soils and forests; ***notes that both adaptation to and mitigation of climate change can be achieved by increasing the carbon content of the soil, re-linking animal and arable production, decreasing dependency on oil-based fertiliser and pesticides, while also closing nutrient cycles and making nutrient cycles efficient and non-polluting while ensuring optimal crop growth;***

Or. en

Amendment 31

Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion

Paragraph 5 a (new)

Draft opinion

Amendment

5a. Stresses that crop rotation, especially combined with conservation tillage, leads to a higher soil-carbon content and therefore contributes to combating climate change;

Or. en

Amendment 32
Giovanni La Via

Draft opinion
Paragraph 5 a (new)

Draft opinion

Amendment

5a. emphasises the importance of developing suitable measures and/or mechanisms that enable actual financial recognition of the role played by agriculture and forestry in conserving carbon;

Or. it

Amendment 33
Lorenzo Fontana

Draft opinion
Paragraph 6

Draft opinion

Amendment

6. Stresses that in order to ensure the cohesion between the common policies, any new regulation or standard imposed on agricultural producers by any policy, ***e.g. animal welfare***, should not compromise the low carbon economy targets;

6. Stresses that in order to ensure the cohesion between the common policies, any new regulation or standard imposed on agricultural producers by any policy should not compromise the low carbon economy targets;

Or. it

Amendment 34

Lena Ek, Britta Reimers, George Lyon, Riikka Manner, Liam Aylward

Draft opinion

Paragraph 6

Draft opinion

6. Stresses that *in order to ensure the cohesion* between *the common* policies, *any new regulation or standard imposed on agricultural producers by any policy, e.g. animal welfare, should not compromise the low carbon economy targets*;

Amendment

6. Stresses that the *Commission should emphasise coherence* between policies, *such as industry, research, energy, biodiversity, trade, development, agriculture, innovation, transport and the Europe 2020 strategy; sound and strategic management of the agricultural sector's potential, coupled with real reform of the internal market, would put Europe well on its way to becoming a competitive player in tomorrow's low carbon global economy*;

Or. en

Amendment 35

Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion

Paragraph 6

Draft opinion

6. Stresses that *in order to ensure the cohesion* between *the common policies, any new regulation or standard imposed on agricultural producers by any policy, e.g. animal welfare, should not compromise the low carbon economy targets*;

Amendment

6. Stresses that *climate mainstreaming of the future Common Agricultural Policies is essential* to ensure *coherence* between *our different EU 2020 objectives*;

Or. en

Amendment 36
Esther Herranz García, Gabriel Mato Adrover

Draft opinion
Paragraph 6

Draft opinion

6. Stresses that in order to ensure the cohesion between the common policies, any new regulation or standard imposed on agricultural producers by any policy, *e.g. animal welfare*, should **not compromise** the low carbon economy targets;

Amendment

6. Stresses that in order to ensure the cohesion between the common policies, any new regulation or standard imposed on agricultural producers by any policy should **help to meet** the low carbon economy targets;

Or. es

Amendment 37
Lena Ek, Britta Reimers, George Lyon, Riikka Manner, Liam Aylward

Draft opinion
Paragraph 6 a (new)

Draft opinion

Amendment

6a. Calls for the necessary measures, including research funding, education efforts, investment aid and other incentive based initiatives, in the CAP that would support and enable the use of agricultural and forestry residue in the production of sustainable energy;

Or. en

Amendment 38
Lena Ek, George Lyon, Riikka Manner

Draft opinion
Paragraph 6 b (new)

Draft opinion

Amendment

6b. Calls for the CAP to include targets for the use of sustainable energy; believes

that the agriculture sector could use 40% renewable fuels by 2020 and be fossil free by 2030;

Or. en

Amendment 39
Lena Ek, George Lyon

Draft opinion
Paragraph 6 c (new)

Draft opinion

Amendment

6c. Calls for the 30% greening component of the direct payments to be used as an EU-wide incentivisation scheme targeted at enhancing sustainability by improving both resource and production efficiency, making EU agriculture more competitive, in line with the Commission's 'Roadmap for moving to a competitive low carbon economy in 2050';

Or. en

Amendment 40
Lorenzo Fontana

Draft opinion
Paragraph 7

Draft opinion

Amendment

7. Stresses that the food chain should be shortened and the consumption of locally produced food should be encouraged, including the support for local markets, *in order to reduce* the transport related emissions of agricultural production;

7. Stresses that the food chain should be shortened and the consumption of locally produced food should be encouraged, including *via* support for local markets *such as 'zero kilometre markets', reducing* the transport-related emissions of agricultural production *and shortening transit distances within the sector;*

Or. it

Amendment 41
Elisabeth Köstinger

Draft opinion
Paragraph 7

Draft opinion

7. Stresses that the food chain should be shortened and the consumption of locally produced food should be encouraged, including *the* support for local markets, in order to reduce the *transport related* emissions of agricultural production;

Amendment

7. Stresses that the food chain should be shortened and the consumption of locally produced food should be encouraged, including support for local markets, in order to reduce the *transport-related* emissions of agricultural production; ***stresses that relocating European multifunctional production and processing to third countries would have a negative impact on European added value and on climate goals;***

Or. de

Amendment 42
Rolandas Paksas

Draft opinion
Paragraph 7

Draft opinion

7. Stresses that the food chain should be shortened and the consumption of locally produced food should be encouraged, including *the* support for local markets, in order to reduce the *transport related* emissions of agricultural production;

Amendment

7. Stresses that the food chain should be shortened and the consumption of locally produced food should be encouraged, including support for local markets, in order to reduce the *transport-related* emissions of agricultural production; ***also considers that consumption should focus on foodstuffs whose production is associated with lower CO₂ emissions;***

Or. It

Amendment 43

Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion

Paragraph 7

Draft opinion

7. Stresses that the food chain should be shortened and the consumption of locally produced food should be encouraged, including the support for local markets, in order to reduce the transport related emissions of agricultural production;

Amendment

7. Stresses that the food chain should be shortened and the consumption of locally produced food should be encouraged, including the support for local markets, in order to reduce the transport related emissions of agricultural production; ***notes that transport-related emissions of agricultural products only represent a relatively small part of the total carbon footprint of these products and therefore agricultural production and product losses also need to be addressed;***

Or. en

Amendment 44

Esther de Lange

Draft opinion

Paragraph 7

Draft opinion

7. Stresses that the food chain should be *shortened* and the consumption of locally produced food should be encouraged, including the support for local markets, in order to reduce the transport related emissions of agricultural production;

Amendment

7. Stresses that the food chain should be *shorter and transparent* and the consumption of locally produced food should be encouraged, including the support for local markets, in order to reduce the transport related emissions of agricultural production;

Or. nl

Amendment 45
Elisabeth Jeggle

Draft opinion
Paragraph 7

Draft opinion

7. Stresses that the food chain should be shortened and the consumption of locally produced food should be encouraged, including *the* support for local markets, in order to reduce the *transport related* emissions of agricultural production;

Amendment

7. Stresses that the food chain should be shortened and the consumption of locally produced food should be encouraged, including support for local ***and regional*** markets, in order to reduce the *transport-related* emissions of agricultural production;

Or. de

Amendment 46

Lena Ek, Marit Paulsen, Britta Reimers, George Lyon, Riikka Manner, Liam Aylward

Draft opinion
Paragraph 8

Draft opinion

8. *Notes* that ***there*** is ***a*** need for better management of bio-waste and of agriculture and forestry ***by-products***;

Amendment

8. ***Deplores the fact*** that ***too much agricultural waste*** is ***currently not used to its full potential***; ***considers that agricultural waste should be seen as an asset***; ***calls on the Commission and Member States to put forward national strategies on the*** need for better management of bio-waste and of agriculture and forestry ***by-products***;

Or. en

Amendment 47
Rareş-Lucian Niculescu

Draft opinion
Paragraph 8

Draft opinion

8. Notes that there is a need for better management of bio-waste and of agriculture and forestry by- products;

Amendment

8. Notes that there is a need for better management of bio-waste and of agriculture and forestry by-products; ***emphasises the importance of providing support for small farmers to enable them to help protect the environment by implementing ecological farming practices such as returning abandoned land to the agricultural circuit, maintaining grazing land, restoring wetlands and peat lands, and conserving traditional crop varieties;***

Or. ro

Amendment 48

Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion

Paragraph 8

Draft opinion

8. Notes that there is a need for better management of bio-waste and of agriculture and forestry by- products;

Amendment

8. Notes that there is a need for better management of bio-waste and of agriculture and forestry by- products; ***notes in this respect the use of animal waste and plant based by-products and processing waste e.g. in biofermenters to produce on-farm energy, while at the same time also reducing farmers' production costs;***

Or. en

Amendment 49

Marit Paulsen, Lena Ek, George Lyon

Draft opinion

Paragraph 8 a (new)

Draft opinion

Amendment

8a. Already with the knowledge and techniques available today agricultural holdings may become self-sufficient in energy with the possibility to both increase profitability and create environmental gains through the local production of bio-energy from organic waste;

Or. en

**Amendment 50
Elisabeth Jeggle**

**Draft opinion
Paragraph 9**

Draft opinion

Amendment

9. Notes that farmers should be encouraged to better use the potential of biogas and biogas by-products to replace fertilisers;

9. Notes that, ***for reasons of resource efficiency***, farmers should be encouraged to better use the potential of biogas and biogas by-products to replace fertilisers;

Or. de

**Amendment 51
Elisabeth Köstinger**

**Draft opinion
Paragraph 9 a (new)**

Draft opinion

Amendment

9a. Notes that biofuels have a key role to play in the long-term strategy to replace fossil fuels with renewable energy sources; calls for greater account to be taken of the diverse potential of the raw material wood as an energy source, a sustainable building material and a

carbon pool;

Or. de

Amendment 52
Lena Ek, George Lyon, Riikka Manner

Draft opinion
Paragraph 9 a (new)

Draft opinion

Amendment

9a. Stresses that the potential framework from the Commission for Land Use, Land Use Change and Forestry (LULUCF) should avoid excessive regulation, which could undermine the EU's possibilities to reach the climate targets, and, due to Europe's diversity, should respect the principle of subsidiarity and the role of local and national governments;

Or. en

Amendment 53
Lena Ek, Britta Reimers, George Lyon, Riikka Manner

Draft opinion
Paragraph 9 b (new)

Draft opinion

Amendment

9b. Stresses the need for increased investments in energy infrastructure, such as smart grids and biogas distribution, to be able to handle the increased Cloud Energy production from renewable energy sources;

Or. en

Amendment 54
Lorenzo Fontana

Draft opinion
Paragraph 10

Draft opinion

10. Supports the financing by EU funds, including the Rural Development Fund, of only energy efficient projects for agricultural facilities, especially of those applying renewable energy sources which can reduce carbon emissions to a level as far as possible closer to zero;

Amendment

deleted

Or. it

Amendment 55
Lena Ek, George Lyon

Draft opinion
Paragraph 10

Draft opinion

10. Supports **the financing by** EU funds, including the Rural Development Fund, **of** only **energy efficient** projects for agricultural facilities, especially **of** those applying renewable energy sources which can reduce carbon emissions to a level as far as possible closer to zero;

Amendment

10. Supports **that** EU funds, including the Rural Development Fund, **should** only **fund** projects for agricultural facilities **that are energy efficient**, especially those applying renewable energy sources which can reduce carbon emissions to a level as far as possible closer to zero;

Or. en

Amendment 56
Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion
Paragraph 10

Draft opinion

10. Supports the financing by EU funds,

Amendment

10. Supports the financing by EU funds,

including the Rural Development Fund, of only energy efficient projects for agricultural facilities, especially of those applying renewable energy sources which can reduce carbon emissions to a level as *far* as possible *closer to zero*;

including the Rural Development Fund, of only energy efficient projects for agricultural facilities, especially of those applying renewable energy sources which can reduce carbon emissions to a level as *close to zero* as possible;

Or. en

Amendment 57
Esther de Lange

Draft opinion
Paragraph 10

Draft opinion

10. Supports the financing by EU funds, including the Rural Development Fund, of *only* energy efficient projects for agricultural facilities, especially of those applying renewable energy sources which can reduce carbon emissions to a level as far as possible closer to zero;

Amendment

10. Supports the financing by EU funds, including the Rural Development Fund *and the greening measures in first pillar of the CAP*, of energy efficient projects for agricultural facilities, especially of those applying renewable energy sources which can reduce carbon emissions to a level as far as possible closer to zero;

Or. nl

Amendment 58
Giovanni La Via

Draft opinion
Paragraph 10

Draft opinion

10. Supports the financing by EU funds, including the Rural Development Fund, of only energy efficient projects for agricultural facilities, especially of those applying renewable energy sources which can reduce carbon emissions to a level as far as possible closer to zero;

Amendment

10. Supports the financing by EU funds, including the Rural Development Fund, of only energy efficient projects for agricultural facilities, especially of those applying renewable energy sources which can reduce carbon emissions to a level as far as possible closer to zero; *hopes to this end that a list will be drawn up of*

European agricultural and livestock holdings that fulfil the energy efficiency criterion, for which appropriate statistical data should be collected;

Or. it

Amendment 59
Elisabeth Jeggle

Draft opinion
Paragraph 10

Draft opinion

10. Supports the financing by EU funds, including the Rural Development Fund, of *only* energy efficient projects for agricultural facilities, especially *of* those applying renewable energy sources which can reduce carbon emissions to a level as far as possible closer to zero;

Amendment

10. Supports the financing by EU funds, including the Rural Development Fund, *inter alia* of *projects aimed at climate efficiency as well as pure* energy efficient projects for agricultural facilities, especially those applying renewable energy sources which can reduce carbon emissions to a level as far as possible closer to zero;

Or. de

Amendment 60
Esther de Lange

Draft opinion
Paragraph 10 a (new)

Draft opinion

10a. Emphasises the importance of carbon neutral farming; urges the European Commission to promote this via the greening measures envisaged in the first pillar of the new CAP;

Amendment

Or. nl

Amendment 61
Esther de Lange

Draft opinion
Paragraph 10 b (new)

Draft opinion

Amendment

10b. Emphasises to this end the importance of manure processing which not only provides renewable energy, but also reduces environmental pressure and is a substitute for artificial fertiliser in the form of mineral concentrates; emphasises in this respect that if manure is to be considered as an energy source, it is essential that processed manure be recognised as a substitute for artificial fertiliser in the Nitrates Directive;

Or. nl

Amendment 62
Lena Ek, Britta Reimers, George Lyon, Riikka Manner, Liam Aylward

Draft opinion
Paragraph 11

Draft opinion

Amendment

11. Stresses that ***more*** research ***is*** necessary to develop less energy intensive agricultural methods.

11. Stresses that ***increased*** research ***efforts are*** necessary to develop less energy intensive agricultural methods ***and more efficient energy production; in that regard welcomes the Commission's proposal to establish a new research framework - Horizon 2020.***

Or. en

Amendment 63
Vasilica Viorica Dăncilă

Draft opinion
Paragraph 11

Draft opinion

11. Stresses that more research is necessary to develop less energy intensive agricultural methods.

Amendment

11. Stresses that more research is necessary to develop less energy intensive agricultural methods **and considers research and development in this area to be an essential part of full implementation of the strategic energy technology plan, and that this calls for additional investment.**

Or. ro

Amendment 64
Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion
Paragraph 11

Draft opinion

11. Stresses that more research is necessary to develop less energy intensive agricultural methods.

Amendment

11. Stresses that more research **funding** is necessary to develop **and mainstream** less energy intensive **and less polluting** agricultural methods, **and furthermore notes that low pollution and energy efficient alternatives already exist;**

Or. en

Amendment 65
Elisabeth Jeggle

Draft opinion
Paragraph 11

Draft opinion

11. Stresses that more research is

Amendment

11. Stresses that more research is **urgently**

necessary to develop less *energy intensive agricultural* methods.

needed to develop *climate-efficient agricultural practices and* less *energy-intensive* methods; *emphasises that it is necessary to ensure, in this connection, that the results of research are translated into practice at the level of holdings.*

Or. de

Amendment 66

Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion

Paragraph 11 a (new)

Draft opinion

Amendment

11a. Believes that better livestock feed management, including protein crops in arable rotations and increasing the diversity of protein crops in permanent pasture mixes, in order to grow more animal feed on-farm, would reduce dependence on animal feed imports with a high carbon cost; this would also reduce costs of animal feed for farmers, and invest into better soil management, through increasing soil water retention, and also reducing susceptibility to pests;

Or. en

Amendment 67

Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion

Paragraph 11 b (new)

Draft opinion

Amendment

11b. Stresses the need to improve the energy self-sufficiency of farms, through incentives for on-farm renewable energy,

such as wind turbines, solar panels and bio fermentation technology, to reduce production costs and increase their economic viability by providing an alternative income stream for farmers;

Or. en

Amendment 68

Alyn Smith, Bas Eickhout, Martin Häusling, José Bové

Draft opinion

Paragraph 11 c (new)

Draft opinion

Amendment

11c. Notes the FAO study "Low Greenhouse Gas Agriculture" from 2009, and its finding that organic agriculture reduced energy requirements for production systems by 25 to 50 percent compared to conventional chemical-based agriculture; stresses that integration of organic techniques into farming have a major role to play in tackling carbon emissions while boosting farm productivity, such as sequestering carbon in the soil, thus increasing soil organic matter content and boosting plant growth fertility, plus increasing retention of water and reducing the need to irrigate.

Or. en