
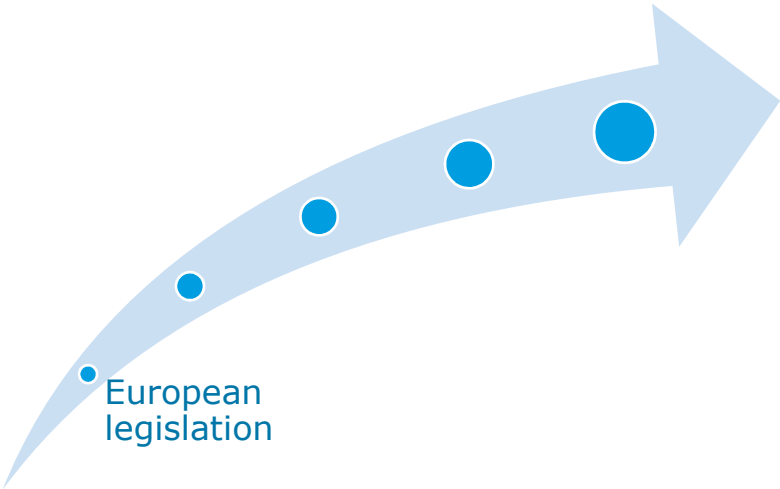


FOCUSING ON ECOLOGICAL FOCUS AREA

Brussels | 22-24th of April 2014




Greening – Ecological focus area



European
legislation

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EFA – European spectrum

Reg. 1307/2013 art 46 point 2

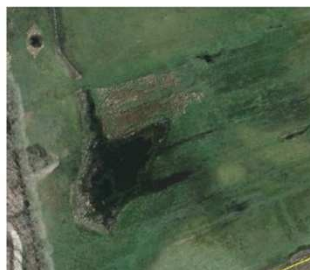
... Member States shall decide that a,b,c ...or j are to be considered to be a ecological focus area:

- a. Land lying fallow
- b. Terraces
- c. Landscape features
- d. Buffer strips
- e. Agro-forestry
- f. Strips along forest edges
- g. Short rotation coppice
- h. Afforested areas
- i. Green cover & catch crops
- j. Nitrogen fixing plants

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EFA – European spectrum

- Definitions, but how to deal with:
 - variability in the time due to natural causes (e.x. rainfall, growth,...)
 - natural unclear boundaries (tolerance?)



2011



2009

44

EFA – European spectrum



And now?

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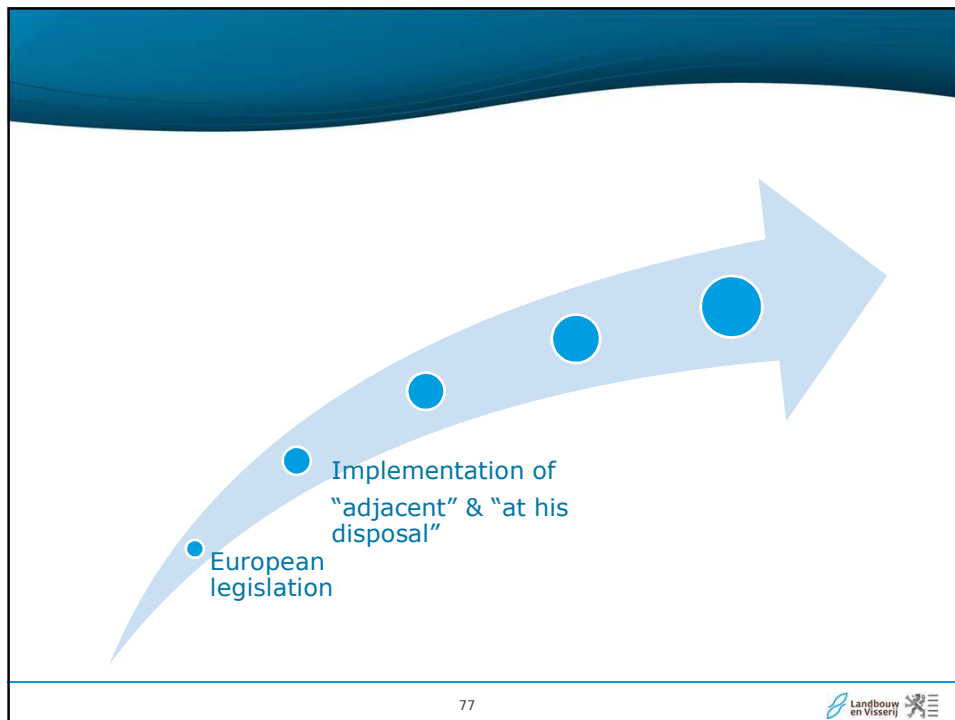
EFA – European spectrum

Reg. 1307/2013 art 46 point 2

... Member States shall decide that a,b,c ...or j are to be considered to be a ecological focus area:

- | | |
|------------------------------|-------------------------------|
| a. Land lying fallow | on arable land |
| b. Terraces | |
| c. Landscape features | on arable land or adjacent to |
| d. Buffer strips | |
| e. Agro-forestry | on arable land |
| f. Strips along forest edges | |
| g. Short rotation coppice | |
| h. Afforested areas | |
| i. Green cover & catch crops | on arable land |
| j. Nitrogen fixing plants | |

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Definition of adjacent

How can we define "adjacent"?

Adjacent (source: www.vocabulary.com):

- having a common boundary or edge; abutting; touching
- nearest in space or position; immediately adjoining without intervening space
- near or close to but not necessarily touching

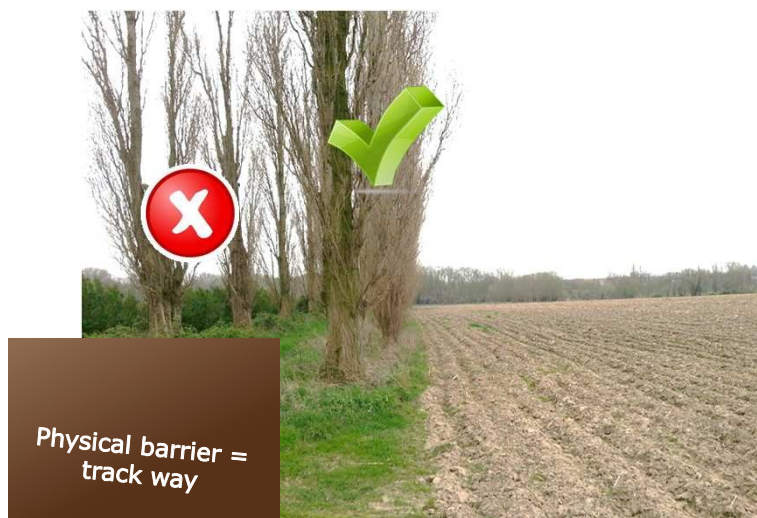
Adjacent (our interpretation):

without physical barrier next to his arable land

Physical barrier =

- Track way
- Ditch (exception: those which are eligible)
- Road
- Fence
- ...

Examples of adjacent



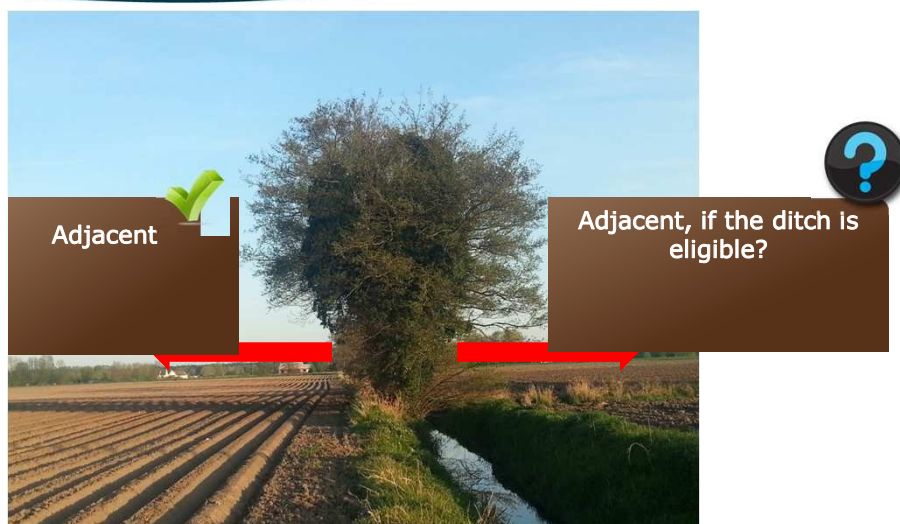
99

Examples of adjacent



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Examples of adjacent



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Definition of “at his disposal”

Delegated act “pillar 1” art. 45

...Landscape features shall be at the disposal of the farmer

Landscape feature has to be “Adjacent to” and “at his disposal”

...

How to implement this without OTSC-camping under the landscape feature?



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Definition of “at his disposal”

- At the disposal of the farmer, if:
 - Not on land declared by an other farmer
 - Not on non-declared (agricultural) land
 - Not on public land
 - > exception: A written maintenance contract?
What if the farmer is payed for it?
- If the landscape feature is at his disposal:
 - on the parcel, used by the farmer = count for 100%
 - on the boundary of the parcel = count for 50% (or less:
e.x. isolated tree on the boundary of 4 parcels)



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Examples of “NOT at his disposal”



Trees in line: adjacent but
on public land

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Examples of "NOT at his disposal"

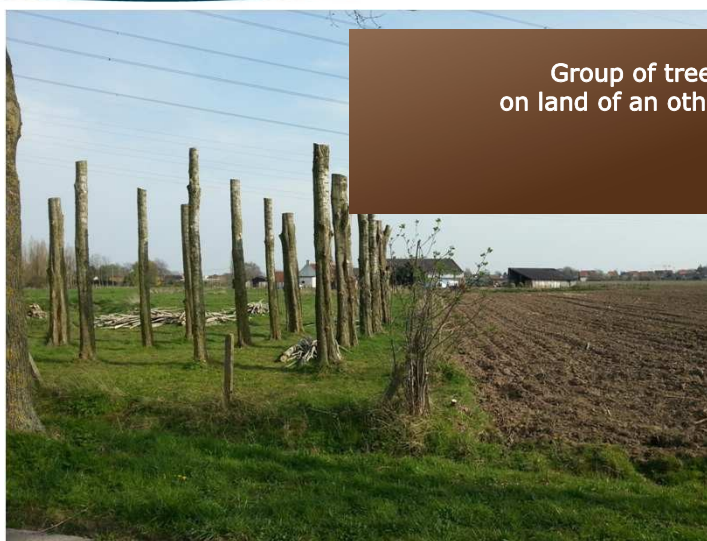
Tree: adjacent but
on public land



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Examples of "NOT at his disposal"

Group of trees(?),
on land of an other farmer



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Examples of “NOT at his disposal”



At his disposal: if this is the garden of the farmer??

Hedge: adjacent but on non-declared (private) land

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Landbouw en Visserij

Examples of “at his disposal”



Isolated tree: 100% at farmers disposal



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Landbouw en Visserij

Examples of “at his disposal”

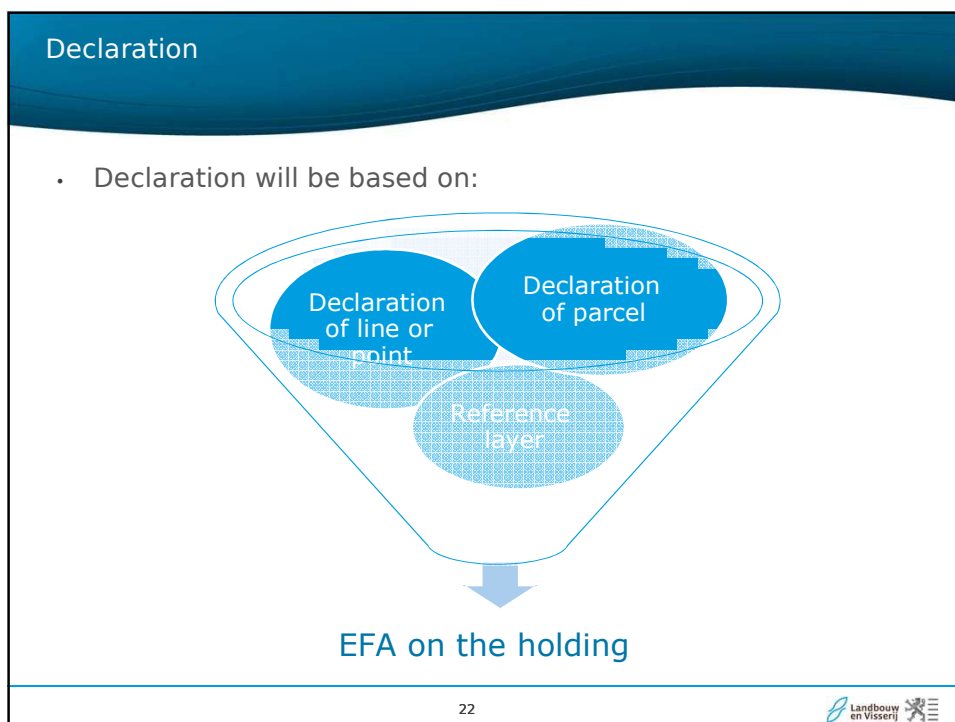
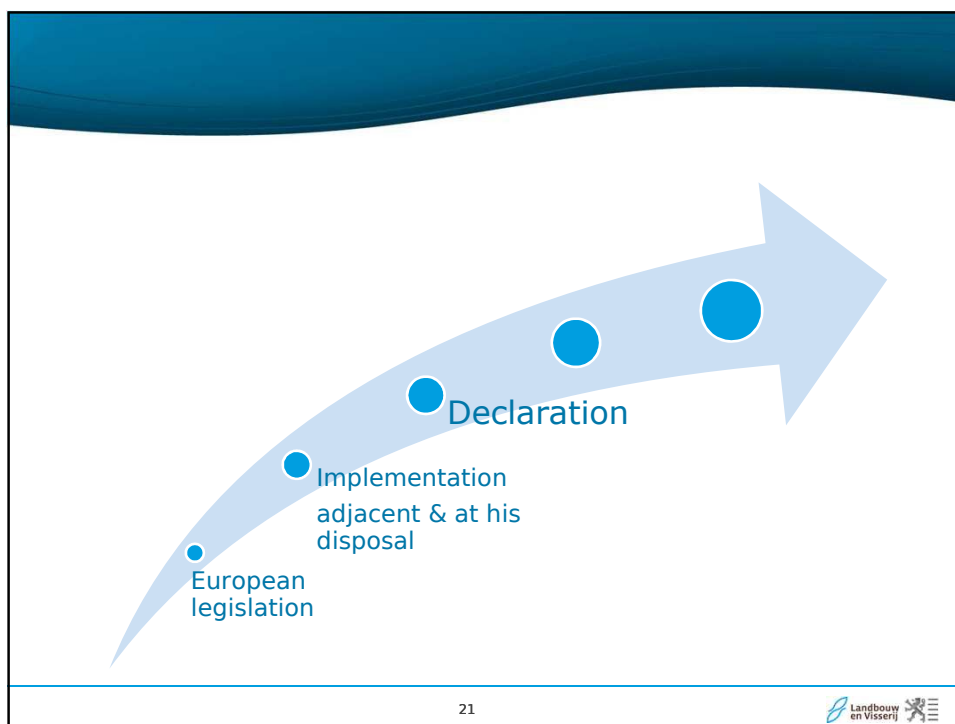


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Examples of “at his disposal”



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Example of declaration - Declaration by the farmer

- Field margin:
 - Separate parcel + cropcode + attribute



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Example of declaration - Declaration by the farmer

- Line of trees (on boundary):
 - Line
 - + attribute (on boundary or on own parcel)



Line +
attribute

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Example of declaration – Reference layer

- Agro-forestry:
 - Separate parcel + cropcode
+ overlap ref. layer of agroforestry



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Example of declaration – Buffer overlap

- Forestedge with production



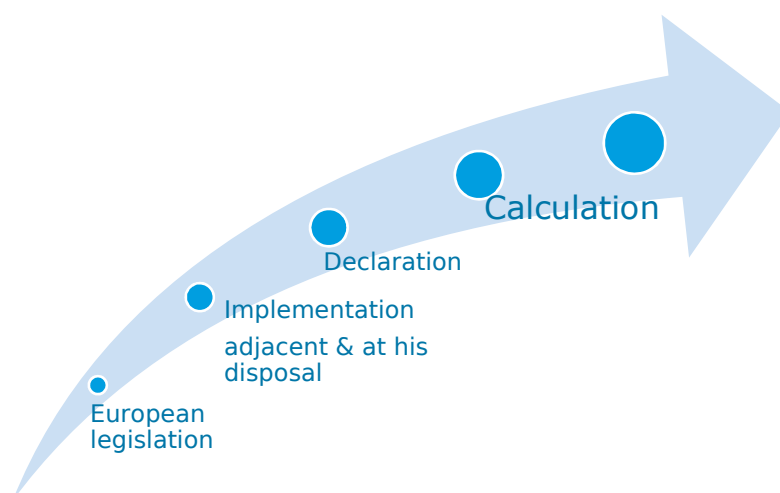
Via buffer,
calculation of
the length ->
conversion
table

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Overview of the “declaration”

| DECLARATION BY FARMER | | FROM EXISTING LAYER |
|--|--------------------|--------------------------------------|
| crop parcel-polygon | line or point | |
| Fallow land | LF – isolate tree | Edges against forest with production |
| Nitrogen fixing crop | LF – hedge | LF - ditches |
| Catch crop / green cover | LF – line of trees | Agroforestry |
| Edges against forest without production | | Bufferzone against watercourses |
| Short rotation coppice | | |
| LF – wooded strips, ponds, field margins, group of trees | | |

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Overview of the “calculation”

| DECLARATION BY FARMER | | FROM EXISTING LAYER |
|--|--------------------|--------------------------------------|
| crop parcel-polygon | line or point | |
| Fallow land | LF - isolate tree | Edges against forest with production |
| Nitrogen fixing crop | LF - hedge | LF - ditches |
| Catch crop / green cover | LF - line of trees | Agroforestry |
| Edges against forest without production | | Bufferzone against watercourses |
| Short rotation coppice | | |
| LF - wooded strips, ponds, field margins, group of trees | | |

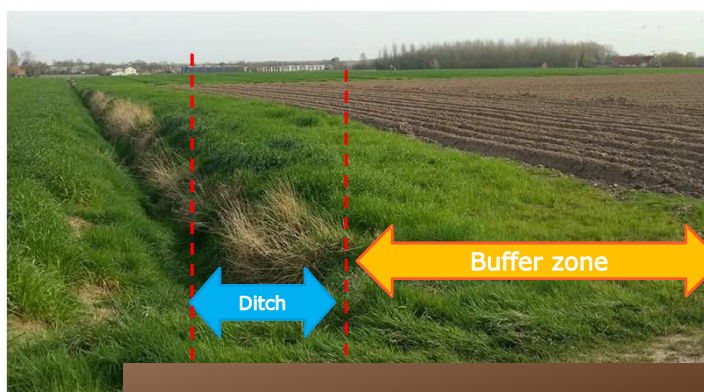
Declared area

Conversion table

Overlap
(& conversion table)

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Calculation issues

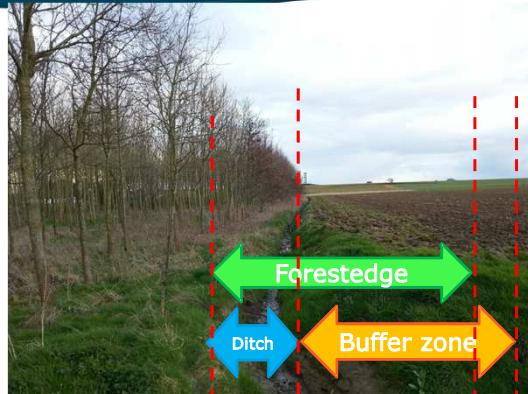


Calculation:

- Option 1: Ditch + Bufferzone
- Option 2: $\text{abs}[\text{Bufferzone} - \text{Ditch}]$

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Calculation issues



Calculation:

- Option 1: Ditch + Bufferzone + Forestedge
- Option 2: Ditch + Forestedge + $\text{abs}[\text{Bufferzone} - \text{Forestedge}]$
- Option 3: none overlapping surface of ditch, forestedge and bufferzone

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Landbouw
en Visserij

Calculation issues



Buffer zone, if
no production

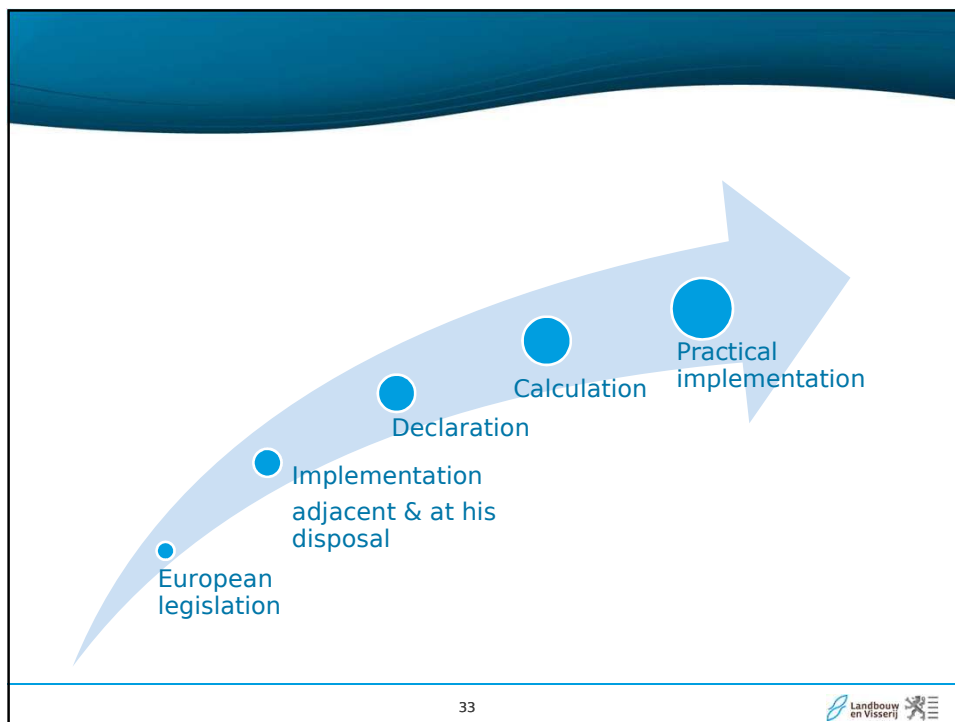
Isolated tree

Calculation:

- Option 1: Buffer zone + isolated tree
- Option 2: Buffer zone – isolated tree

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Landbouw
en Visserij



Practical implementation

- Basic principles:
 - Potential EFA is declared or calculated by the system
 - Farmer has to activate the EFA-element

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Landbouw en Visserij

Practical implementation

View of the ecological focus area

Ecological focus area

x% of your arable land (6.29 ha) is activated as ecological focus area for your holding

| Parcel n° | Type EFA | Length | Surface (ha) | EFA activation? | Group of farmers |
|----------------------|-----------------------|--------|--------------|-------------------------------------|---|
| 1 | Catch crop | N.a. | 1.05 | <input checked="" type="checkbox"/> | 001 - Group 1 |
| 1 | Hedge On the boundary | 100m | 0.05 | <input checked="" type="checkbox"/> | |
| 1 | Hedge On the parcel | 100m | 0.10 | <input type="checkbox"/> | |
| 2 | Pond | N.a. | 0.02 | <input type="checkbox"/> | |
| 2 | Field margin | N.a. | 0.10 | <input checked="" type="checkbox"/> | 002 - Group 2 |
| Total EFA: | | | 1.32 ha | | |
| Total EFA activated: | | | 1.20 ha | whose: | 0.05 ha for your holding 1.15 ha for your group(s) |

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Practical implementation

View of the group of farmers

Extra information for your group of farmer(s)

001 – Group 1

x% of your arable land (8.29 ha) is activated as ecological focus area for your group of farmers

| Members | Declaration submitted | Date of issue | Total surface arable land (ha) | Surface of EFA in the group (ha) |
|--------------------|-----------------------|---------------|--|----------------------------------|
| Farmer 1 | Yes | 2/3/2014 | 6.29 | 1.05 |
| Farmer 2 | No | | 0 | 0 |
| Farmer 3 | Yes | 15/4/2014 | 2.00 | 0.30 |
| Total arable land: | | | 8.29 ha | |
| | | | Total EFA activated for the group: 1.35 ha | |

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Questions

