| Environme    | ent and clim   | ate assessn  | nent of Spain                    | 's CAP Strateg   | ic Plan (Institute for Eu  | ropean Environm  | ental Policy, 2022   |                    |             |   |                                      |
|--------------|----------------|--------------|----------------------------------|------------------|----------------------------|--|--|--------------------|-------------|---|--------------------------------------|
|              |                |              | /pac-2023-20                     |                  |                            |  | , , , , , , , , , , , , , , , , , , ,  |                    |             |   |                                      |
|              |                |              | e's GHG emiss                    |                  |                            |  |  |                    |             |   |                                      |
|              | •              |              | 0% of total EU                   |                  |                            |  |  |                    |             |   |                                      |
|              |                |              |                                  |                  | ge and innovation + 3 e    | conomic + 3 socia  | Il + 3 environmental and climate-related   |                    |             |   |                                      |
|              |                |              | rategic Plans                    |                  | shift to a performance     |  |  |                    |             |   |                                      |
|              | 1110 30011110  | Tracional Sc | acegie i iaiis                   |                  |                            |  | cal conditions and needs   |                    |             |   |                                      |
|              |                |              |                                  |                  | increase CAP's impact      | •  |  |                    |             |   |                                      |
| Snanish St   | trategic Plan  | -> has not   | ignificantly in                  |                  | nvironmental and clima     |  |  |                    |             |   |                                      |
| Spainsii St  | trategic i ian | 7 1103 1100  | ,                                | Improvemen       |                            | te ambition for th   | Shorts   |                    |             |   |                                      |
|              |                |              |                                  | improvemen       | L3                         |  | 3110113  |                    |             |   |                                      |
|              |                |              |                                  |                  |                            |  | the budget allocation to environmental and socio-economic objectives   |                    |             |   |                                      |
|              |                |              |                                  | in areas and sur | port for organic farmin    | ~  | does not present significant differences to the previous CAP period  |                    |             |   |                                      |
|              |                |              |                                  | ilici easeu su   | port for organic farmin    | g  | falls short of meeting the identified environment, biodiversity and  |                    |             |   |                                      |
|              |                |              |                                  |                  |                            |  | ,  |                    |             |   |                                      |
|              | Ļ              |              |                                  | new requiren     | nent to register fertilise | r and organic inpi   | climate needs.   |                    |             |   |                                      |
| I wo sets o  | of recomme     |              | •                                |                  |                            |  |  |                    |             |   |                                      |
|              | 1              | Potential a  |                                  | the current      |                            |  |  |                    |             |   |                                      |
|              |                |              |                                  |                  | e identified challenges    |  | planned interventions  |                    |             |   |                                      |
|              |                |              |                                  |                  | in particular for GAEC     |  |  |                    |             |   |                                      |
|              |                |              | - review the $\epsilon$          | eco-schemes t    |                            |  | e payments rewarding increased levels of ambition to reward farmers  |                    |             |   |                                      |
|              |                |              |                                  |                  |                            |  | chemes, with just an additional 25 euros/ha amount for two practices)  |                    |             |   |                                      |
|              |                |              |                                  |                  |                            |  | tions in relation to water quantity and use  |                    |             |   |                                      |
|              |                |              | <ul> <li>include safe</li> </ul> | guards to take   | e into account the poter   | ntial trade-offs be  | tween environmental objectives   |                    |             |   |                                      |
|              |                |              | - introduce re                   | esults-based p   | ayments for specific int   | erventions target  | ng particular problems.  |                    |             |   |                                      |
|              | 2              | Recommen     | dations for th                   | ne next CAP ar   | nd related policies:       |  |  |                    |             |   |                                      |
|              |                |              | - biodiversity                   | - and climate-   | proof the CAP Strategic    | Plans and their in   | nterventions (considering trade-offs between environmental and climate   |                    |             |   |                                      |
|              |                |              | - increase act                   | ion to reduce    | the agriculture sector's   | GHG emissions a  | nd carbon removals   |                    |             |   |                                      |
|              |                |              | - introduce e                    | nvironmental     | and climate ring-fencin    | ng for cross-cuttin  | g measures for all sectoral interventions and productive investments in  |                    |             |   |                                      |
|              |                |              | the next EU r                    | egulation -> e   | nsure min. share of bud    | lget   |  |                    |             |   |                                      |
|              |                |              | - accompany                      | changes in the   | e production systems b     | y changes in othe  | parts of the food systems  |                    |             |   |                                      |
| Introduction | ion            |              |                                  |                  |                            |  |  |                    |             |   |                                      |
|              | EU food sy     | stem =>      | - 30% of EU                      | GHG emission     | S                          |  |  |                    |             |   |                                      |
|              |                |              | - main pressi                    | ure on biodive   | ersity: pesticide use, lan | dscape simplificat   | ion, habitat destructior   |                    |             |   |                                      |
|              |                |              | - physical, ch                   | emical, biolog   | gical degradation of soil  |  |  |                    |             |   |                                      |
|              |                |              | - decrease in                    | water quality    | and availability           |  |  |                    |             |   |                                      |
|              | EC -> EU G     | reen Deal    | - Farm to Foi                    |                  |                            | athy, environmen   | tally friendly food systems  |                    |             |   |                                      |
|              |                |              | - Biodiversity                   |                  |                            |  | of recovery by 2030  |                    |             |   |                                      |
|              |                |              |                                  |                  |                            |  | use and risk of chemical pesticides  |                    |             |   |                                      |
|              |                |              |                                  | . 5              |                            |  | and under organic farming  |                    |             |   |                                      |
|              |                |              |                                  |                  |                            | •  | and under high-diversity landscape features  | 1                  |             |   |                                      |
|              |                |              |                                  |                  |                            |  |  | by 2030            |             |   |                                      |
|              |                |              |                                  |                  |                            |  |  | by 2030            |             |   |                                      |
|              |                |              |                                  |                  |                            | 50% reduction of   | nutrient losses  | by 2030            |             |   |                                      |
|              |                |              |                                  |                  |                            | 50% reduction of min. 20% reducti  | nutrient losses<br>on of fertilizer use  | by 2030            |             |   |                                      |
|              |                |              |                                  |                  |                            | 50% reduction of min. 20% reducti contribution to the  | nutrient losses<br>on of fertilizer use<br>ne 55% GHG emission reduction target  | ·                  |             |   |                                      |
|              |                |              |                                  | -> CAP has co    |                            | 50% reduction of<br>min. 20% reducti<br>contribution to the<br>contribution to cl                                  | nutrient losses<br>on of fertilizer use<br>ne 55% GHG emission reduction target  | by 2030<br>by 2050 |             |   |                                      |
|              | CAR            | created 60   | Nears ago = -                    |                  | rucial role through subs   | 50% reduction of min. 20% reducti contribution to the contribution to clidies                                      | nutrient losses<br>on of fertilizer use<br>ne 55% GHG emission reduction target<br>imate neutrality  | ·                  |             |   |                                      |
|              | CAP ->         |              |                                  | nain policies o  | rucial role through subs   | 50% reduction of min. 20% reducti contribution to the contribution to clidies nistorically: - incr                 | nutrient losses on of fertilizer use ne 55% GHG emission reduction target imate neutrality easing productivity + competitiveness   | by 2050            |             |   |                                      |
|              | CAP ->         |              | years ago = m<br>30% of total    | nain policies o  | rucial role through subs   | 50% reduction of min. 20% reducti contribution to the contribution to clidies nistorically: - incr                 | nutrient losses on of fertilizer use ne 55% GHG emission reduction target imate neutrality easing productivity + competitiveness uring food production, fair income for farmers, reasonable prices for con   | by 2050<br>sumers  |             | and alimate                                       |                                      |
|              | CAP ->         |              |                                  | nain policies o  | rucial role through subs   | 50% reduction of min. 20% reduction to the contribution to clidies nistorically: - incr - ensity - support         | nutrient losses on of fertilizer use the 55% GHG emission reduction target imate neutrality the assing productivity + competitiveness turing food production, fair income for farmers, reasonable prices for contributed intensification of agriculture -> indirectly contributed to negative in   | by 2050<br>sumers  | nvironment  | and climate                                       |                                      |
|              | CAP ->         |              |                                  | nain policies o  | rucial role through subs   | 50% reduction of min. 20% reducti contribution to the contribution to clidies nistorically: - incr - ensi -> suppo | nutrient losses on of fertilizer use the 55% GHG emission reduction target imate neutrality the easing productivity + competitiveness turing food production, fair income for farmers, reasonable prices for contred intensification of agriculture -> indirectly contributed to negative in ronmental and climat aspects gradually included   | by 2050<br>sumers  | nvironment  | and climate                                       |                                      |
|              | CAP ->         |              |                                  | nain policies o  | rucial role through subs   | 50% reduction of min. 20% reducti contribution to the contribution to clidies nistorically: - incr - ensi -> suppo | nutrient losses on of fertilizer use the 55% GHG emission reduction target imate neutrality the assing productivity + competitiveness uring food production, fair income for farmers, reasonable prices for con- reted intensification of agriculture -> indirectly contributed to negative in ronmental and climat aspects gradually included > new structure for CAP -> started operating in MS in 2023  | by 2050<br>sumers  | nvironment  |   |                                      |
|              | CAP ->         |              |                                  | nain policies o  | rucial role through subs   | 50% reduction of min. 20% reducti contribution to the contribution to clidies nistorically: - incr - ensi -> suppo | nutrient losses on of fertilizer use the 55% GHG emission reduction target imate neutrality the easing productivity + competitiveness turing food production, fair income for farmers, reasonable prices for contred intensification of agriculture -> indirectly contributed to negative in ronmental and climat aspects gradually included   | by 2050<br>sumers  | nvironment  | D: climate actio                                  |                                      |
|              | CAP ->         |              |                                  | nain policies o  | rucial role through subs   | 50% reduction of min. 20% reducti contribution to the contribution to clidies nistorically: - incr - ensi -> suppo | nutrient losses on of fertilizer use the 55% GHG emission reduction target imate neutrality the assing productivity + competitiveness uring food production, fair income for farmers, reasonable prices for con- reted intensification of agriculture -> indirectly contributed to negative in ronmental and climat aspects gradually included > new structure for CAP -> started operating in MS in 2023  | by 2050<br>sumers  | nvironment  | D: climate actio                                  | natural resources                    |
|              | CAP ->         |              |                                  | nain policies o  | rucial role through subs   | 50% reduction of min. 20% reducti contribution to the contribution to clidies nistorically: - incr - ensi -> suppo | nutrient losses on of fertilizer use ne 55% GHG emission reduction target imate neutrality  easing productivity + competitiveness uring food production, fair income for farmers, reasonable prices for con red intensification of agriculture -> indirectly contributed to negative in ronmental and climat aspects gradually included > new structure for CAP -> started operating in MS in 2023 - 10 specific objectives -> 3 related to environment and climate: | by 2050<br>sumers  |             | D: climate actio E: protection of F: conservation | natural resources of biodiversity    |
|              | CAP ->         |              |                                  | nain policies o  | rucial role through subs   | 50% reduction of min. 20% reducti contribution to the contribution to clidies nistorically: - incr - ensi -> suppo | nutrient losses on of fertilizer use the 55% GHG emission reduction target imate neutrality the assing productivity + competitiveness uring food production, fair income for farmers, reasonable prices for con- reted intensification of agriculture -> indirectly contributed to negative in ronmental and climat aspects gradually included > new structure for CAP -> started operating in MS in 2023  | by 2050<br>sumers  | a. shift to | D: climate actio                                  | natural resources<br>of biodiversity |

|            |  |   |  |  |   |                  | F11 1 111           |                                   | 1.99  |
|------------|--|---|--|--|---|------------------|---------------------|-----------------------------------|---|
| C!         | 450/ -5+-+-  511   |   |  |  |   | c. inc           | crease EU ambitio   | ons in sustai                     | nability  |
| Spain      | 15% of total EU agricultu<br>0.9 mil. farms (9.2% of E   |   |  |  |   |                  |                     |                                   |   |
|            | ,  |   | ,  |  |   |                  |                     |                                   |   |
|            | half of these farms are v  |   |  |  |   |                  | -1::1 6-            |                                   | lata a vida a   |
|            | 13% of total EU crop pro   |   |  |  | most important production sectors in 2019:  |                  | olive oil, if       | uits, vegeta                      | ibles, wife   |
|            | 11% of total EU animal p   |   | •  |  |   |                  |                     |                                   |   |
|            |  |   |  |  | ral Area managed intensively increased from 27% to 42%  |                  |                     |                                   |   |
|            | CAP Strategic Plan of Spa  |   |  |  |   |                  |                     |                                   |   |
|            |  |   |  |  | ronmental and climate action?   |                  |                     |                                   |   |
| Spanish CA | AP Strategic Plan defines t  |   |  |  |   |                  |                     |                                   |   |
|            |  |   |  |  | through an improvement in the distribution system of direct aic   |                  |                     | 1:                                |   |
|            |  |   |  |  | nental commitments and targets, combining regulatory measures with payments that reward   |                  | rts beyond the ba   | seiine                            |   |
|            |  |   |  |  | of measures aimed at contributing to the environmental, economic and social sustainability of   | of the sector    |                     |                                   |   |
|            | Regarding environmenta   |   |  |  |   |                  |                     |                                   |   |
|            |  |   |  | -  | se gas (GHG) emissions, increasing carbon sequestration, reducing the impact of climate cha   | -                |                     |                                   |   |
|            |  |   |  |  | status for water quality, reducing water pollution by agriculture, reducing ammonia (NH3) er  |                  |                     |                                   |   |
| CAR had    | at in Copins 24 bit 5112   |   |  |  | gative trend in common farmland birds, maintenance and recovery of habitats, Natura 2000,   | , and promotin   | g sustainable pro   | uuction sys                       | tem   |
| CAP budge  | et in Spain: 34 bil. EUR   |   | :U + 3 DII. I  |  | -   | -4:1:4           |                     | Constale *                        | de de la companya de Companya |
|            |  | Pillar I (EAGF)   |  |  | come suppo no interventions under "risk management tools", risk is already supported via n  | iational instrum | nents such as the   | Spanish Ag                        | ricultural Insurance System   |
| FIL CAR R- |  | Pillar II (EAFRD)   |  |  | evelopment + climate & envi. aspects  |                  |                     |                                   |   |
| EU CAP Re  | guiation ringtencing = gua   | arantee a min. bi   | uaget for  | interventio  | ns benefiting publi -> min. 25% of budget to direct payments under eco-schemes  |                  |                     |                                   |   |
|            |  |   |  |  | -> min. 35% of Pillar II to envi.& climate, organic, area specific disadvanta   | amework + Natur  | ra 2000), ar        | eas of natural constraints (50% o |   |
|            |  |   |  |  | payments), animal welfare commitments   |                  |                     | ń.                                |   |
|            | 23% direct payment bu  | udget (5.5 bil.   | -> eco-sche  | omoc   | -> 32% on improving animal welfare  |                  |                     |                                   |   |
| Spain:     | EUR)   | -   | > 600-30116  | cilics   | -> 32 /6 OH IIII proving aminiai wenare   |                  |                     |                                   |   |
|            |  |   |  |  | -> 68% on meeting climate& envi. objectives   |                  |                     |                                   |   |
|            | 48% of Pillar II (3.9 bil.   |   |  |  |   |                  |                     |                                   |   |
|            | EUR)   | -> envi., climate   | e, organic   | , animal w   | elfare object -> most of it is directed to investments  |                  |                     |                                   |   |
|            | 45% of Pillar II   | -> investments  | 5  |  |   |                  |                     |                                   |   |
|            | 36% of total CAP budget  | (12 bil. EUR) -   | -> basic inc   | come supp  | -> more than twice the eco-scheme budget and four times the budget for Pillar II environm   | nent and climat  | te commitments      |                                   |   |
|            | 27% of total CAP budget  | (9.3 bil. EUR) -  | -> green ol  | bjectives  | includes:   |                  |                     |                                   |   |
|            |  |   |  |  | Pillar I eco-schemes  |                  |                     |                                   |   |
|            |  |   |  |  | 15% of sectoral fruit & vegetables interventions  |                  |                     |                                   |   |
|            |  |   |  |  | BOTH IN THE STATE OF THE STATE |                  |                     |                                   |   |
|            |  |   |  |  | Pillar II environmental, climate and other commitments  |                  |                     |                                   |   |
|            |  |   |  |  | investments contributing to environmental objectives  |                  |                     |                                   |   |
|            |  |   |  |  | '   |                  |                     |                                   |   |
| Overview   | of Spanish eco-schemes:  |   |  |  | investments contributing to environmental objectives  |                  |                     |                                   |   |
| Overview   |  |   | and agroe  | ecology wh   | investments contributing to environmental objectives  |                  |                     |                                   |   |
| Overview   |  | carbon farming  |  |  | investments contributing to environmental objectives payments for area-specific disadvantages   |                  |                     |                                   |   |
| Overview   |  | carbon farming<br>Extensive grazin  | ng, mowin  | g and biod   | investments contributing to environmental objectives payments for area-specific disadvantages ch can be grouped in 4 main categories:   |                  |                     |                                   |   |
| Overview   |  | Extensive grazin  | ng, mowin<br>1: extensi  | g and biod<br>ve grazing   | investments contributing to environmental objectives payments for area-specific disadvantages  ch can be grouped in 4 main categories: iversity in pastures (2 eco-schemes)   | 2-3 times a yea  | ar depending on a   | ltitud)                           |   |
| Overview   |  | extensive grazin  | ng, mowin<br>P1: extension<br>P2: establis   | g and biod<br>ve grazing<br>shment of l  | investments contributing to environmental objectives payments for area-specific disadvantages  ich can be grouped in 4 main categories: iversity in pastures (2 eco-schemes) (120 days in the year)   | 2-3 times a yea  | ar depending on a   | ltitud)                           |   |
| Overview   |  | Extensive grazin P: Rotations and n   | ng, mowin<br>P1: extension<br>P2: establis<br>no-tillage in  | g and biod<br>ve grazing<br>shment of l<br>n cropland  | investments contributing to environmental objectives  payments for area-specific disadvantages  ich can be grouped in 4 main categories: iversity in pastures (2 eco-schemes) (120 days in the year) iodiversity isles (7% of the pasture area without mowing) or sustainable mowing (less than 2)  | 2-3 times a yea  | ar depending on a   | ltitud)                           |   |
| Overview   |  | Extensive grazin P: P: Rotations and n  | ng, mowing<br>P1: extension<br>P2: establis<br>no-tillage in<br>P3: crop rot   | g and biod<br>ve grazing<br>shment of I<br>n cropland<br>tation on 5   | investments contributing to environmental objectives  payments for area-specific disadvantages  ch can be grouped in 4 main categories: iversity in pastures (2 eco-schemes)  [120 days in the year] iodiversity isles (7% of the pasture area without mowing) or sustainable mowing (less than 2 (3 eco-schemes)   |                  |                     |                                   | rommits for a second year in a  |
| Overview   |  | extensive grazing P: Rotations and n P: Rotations are p   | ng, mowin<br>P1: extensiv<br>P2: establis<br>no-tillage in<br>P3: crop rot<br>P4: no tillage   | ng and biodo<br>ve grazing<br>shment of l<br>n cropland<br>tation on 5<br>ge and dire  | investments contributing to environmental objectives payments for area-specific disadvantages  ch can be grouped in 4 main categories: iversity in pastures (2 eco-schemes) (120 days in the year) ioidiversity isles (7% of the pasture area without mowing) or sustainable mowing (less than 3 (3 eco-schemes)  (3 eco-schemes)  0% of the arable area with improving species   | Bonu             | us for P4 and P6, i | f the farme                       | r commits for a second year in a  |
| Overview   |  | carbon farming Extensive grazir P: Rotations and n P: Plant cover and   | ng, mowin<br>P1: extension<br>P2: establis<br>no-tillage in<br>P3: crop rot<br>P4: no tillage<br>d inert cove  | ig and biod<br>ve grazing<br>shment of I<br>n cropland<br>tation on 5<br>ge and dire<br>er in wood   | investments contributing to environmental objectives payments for area-specific disadvantages   | Bonu             |                     | f the farme                       | r commits for a second year in a  |
| Overview   |  | carbon farming Extensive grazir P P Rotations and n P P P Plant cover and   | ng, mowin<br>P1: extensiv<br>P2: establis<br>no-tillage in<br>P3: crop rot<br>P4: no tillage<br>d inert cove<br>P6: spontar  | g and biod<br>ve grazing<br>shment of I<br>n cropland<br>tation on 5<br>ge and dire<br>er in wood<br>neous or so   | investments contributing to environmental objectives payments for area-specific disadvantages   | Bonu             | us for P4 and P6, i | f the farme                       | r commits for a second year in a  |
| Overview   |  | carbon farming Extensive grazin P: P: Rotations and n P: P- Plant cover and P: P P  | ng, mowing, mowing, mowing, mowing, mowing, pp. 12: establis po-tillage in pp. 13: crop rotillage dinert coveres spontare pp. 13: inert co   | g and biod<br>ve grazing<br>shment of I<br>n cropland<br>tation on 5<br>ge and dire<br>er in wood<br>neous or so<br>over (mulch  | investments contributing to environmental objectives  payments for area-specific disadvantages  ich can be grouped in 4 main categories:  iversity in pastures (2 eco-schemes)  (120 days in the year)  ioidiversity siles (7% of the pasture area without mowing) or sustainable mowing (less than 2 (3 eco-schemes)  0% of the arable area with improving species  ct seeding on 40% of the arable area  y crops (3 eco-schemes)  iven plant cover  | Bonu             | us for P4 and P6, i | f the farme                       | r commits for a second year in a  |
| Overview   |  | carbon farming Extensive grazin P P Rotations and n P P P P Plant cover and P Landscape and   | ng, mowing, mowing, mowing, mowing, mowing, moving, p. 22: establis pro-tillage in p. 23: crop robust no tillage di inert cove p. 26: spontar p. 27: inert collibiodiversi   | g and biod<br>ve grazing<br>shment of I<br>n cropland<br>tation on 5<br>ge and dire<br>er in wood<br>neous or so<br>over (mulch<br>ty features   | investments contributing to environmental objectives  payments for area-specific disadvantages  ich can be grouped in 4 main categories: iversity in pastures (2 eco-schemes) [120 days in the year) iodiversity isles (7% of the pasture area without mowing) or sustainable mowing (less than 2 (3 eco-schemes)  0% of the arable area with improving species ct seeding on 40% of the arable area y crops (3 eco-schemes) iwn plant cover ing) on 40% of the interrrow area available  | } Bonu (only     | us for P4 and P6, i | f the farme<br>of land)           |   |
| Overview   | 9 eco-schemes linked to  | carbon farming Extensive grazir P Rotations and n P: Plant cover and P   Landscape and  | ng, mowin<br>P1: extensiv<br>P2: establis<br>no-tillage in<br>P3: crop rot<br>P4: no tillag<br>d inert cove<br>P6: spontar<br>P7: inert co<br>biodiversi<br>P5: establis   | g and biod<br>ve grazing<br>shment of I<br>n cropland<br>tation on 5<br>ge and dire<br>er in wood<br>neous or so<br>over (mulch<br>ty features<br>shment of I  | investments contributing to environmental objectives  payments for area-specific disadvantages  ch can be grouped in 4 main categories: iversity in pastures (2 eco-schemes)  [120 days in the year) iodiversity isles (7% of the pasture area without mowing) or sustainable mowing (less than 2 (3 eco-schemes)  [3 eco-schemes)  [9% of the arable area with improving species  ct seeding on 40% of the arable area  y crops (3 eco-schemes)  with plant cover  [ing) on 40% of the interrrow area available  in croplands and permanent crops (1 eco-scheme)   | } Bonu (only     | us for P4 and P6, i | f the farme<br>of land)           |   |
| Overview   | 9 eco-schemes linked to  | carbon farming Extensive grazir P: Rotations and n P: Plant cover and P: Pi Landscape and l P: Cories include 7 diff  | ng, mowin<br>P1: extensiv<br>P2: establis<br>no-tillage in<br>P3: crop rot<br>P4: no tillage<br>d inert cove<br>P6: spontar<br>P7: inert co<br>biodiversi<br>P5: establis  | g and biod<br>ve grazing<br>shment of I<br>n cropland<br>tation on 5<br>ge and dire<br>er in wood<br>neous or so<br>over (mulch<br>ty features<br>shment of I<br>actices (P)   | investments contributing to environmental objectives  payments for area-specific disadvantages  ch can be grouped in 4 main categories: iversity in pastures (2 eco-schemes)  (120 days in the year) iodiversity isles (7% of the pasture area without mowing) or sustainable mowing (less than 3 (3 eco-schemes)  0% of the arable area with improving species ct seeding on 40% of the arable area y crops (3 eco-schemes) win plant cover ing) on 40% of the interrrow area available in croplands and permanent crops (1 eco-scheme) andscape and biodiversity features: 7% on rainfed arable land, 4% on irrigated land, 4% on sylich farmers can choose from  | } Bonu (only     | us for P4 and P6, i | f the farme<br>of land)           |   |
| Overview   | 9 eco-schemes linked to  | ecarbon farming Extensive grazir P: P: Rotations and n P: Plant cover and P: Landscape and P: Landscape and P: Dries include 7 diff   | ng, mowin<br>P1: extensive<br>P2: establis<br>no-tillage in<br>P3: crop rote<br>P4: no tillage<br>d inert cove<br>P6: spontar<br>P7: inert co<br>b biodiversive<br>P5: establis<br>ifferent pratually on al                          | g and biod<br>ve grazing<br>shment of I<br>n cropland<br>tation on 5<br>ge and dire<br>er in wooc<br>er in wooc<br>over (mulch<br>ty features<br>shment of I<br>actices (P)  | investments contributing to environmental objectives  payments for area-specific disadvantages  ch can be grouped in 4 main categories: iversity in pastures (2 eco-schemes)  (120 days in the year) iodiversity isles (7% of the pasture area without mowing) or sustainable mowing (less than 3 (3 eco-schemes)  0% of the arable area with improving species ct seeding on 40% of the arable area y crops (3 eco-schemes) win plant cover ing) on 40% of the interrrow area available in croplands and permanent crops (1 eco-scheme) andscape and biodiversity features: 7% on rainfed arable land, 4% on irrigated land, 4% on present a contribution of the interrigated land, 4% on present area and scape and biodiversity features: 7% on rainfed arable land, 4% on irrigated land, 4% on present area area.  | } Bonu (only     | us for P4 and P6, i | f the farme<br>of land)           |   |
| Overview   | 9 eco-schemes linked to  | Rotations and n Plant cover and Landscape and Landscape and Description of the period | ng, mowin<br>P1: extensiv<br>P2: establis<br>no-tillage in<br>P3: crop rof<br>P4: no tillage<br>d inert cove<br>P7: inert co<br>biodiversi<br>P5: establis<br>ifferent pra<br>tually on al   | g and biodove grazing shment of I n cropland tation on 5 ge and direcr in woodn over (mulch ty features) shment of lactices (P) Ill agricultums at for t   | investments contributing to environmental objectives payments for area-specific disadvantages  ich can be grouped in 4 main categories: iversity in pastures (2 eco-schemes) (120 days in the year) ioidiversity isles (7% of the pasture area without mowing) or sustainable mowing (less than 2) (3 eco-schemes)  0% of the arable area with improving species ct seeding on 40% of the arable area y crops (3 eco-schemes) iven plant cover ing) on 40% of the interrrow area available in croplands and permanent crops (1 eco-scheme) andscape and biodiversity features: 7% on rainfed arable land, 4% on irrigated land, 4% on paying land, rather than targeting specific regions or types of agriculture the income forgone and the additional costs arising from the application of the practices   | } Bonu (only     | us for P4 and P6, i | f the farme<br>of land)           |   |
| Overview   | 9 eco-schemes linked to  Combined, these catego Spanish eco-schemes ca The payments are area-l | Rotations and n Pi Rotations and n Pi Plant cover and Pi Landscape and I Landscape and I sorres include 7 diffin be applied virtibased payments   | ng, mowin<br>P1: extensiv<br>P2: establis<br>p0: establis<br>p0: crop rol<br>P4: no tillage<br>d inert cove<br>P6: spontar<br>P7: inert co<br>biodiversiv<br>P5: establis<br>ifferent pra<br>tually on all to compe-<br>be type of p | g and biod<br>ve grazing<br>shment of In<br>n cropland<br>tation on 5<br>ge and direc<br>er in wood<br>neous or so<br>over (mulch<br>ty features<br>shment of I<br>actices (P)<br>Ill agricultur<br>insate for t<br>oractice (P) | investments contributing to environmental objectives payments for area-specific disadvantages  ich can be grouped in 4 main categories: iversity in pastures (2 eco-schemes) (120 days in the year) ioidiversity isles (7% of the pasture area without mowing) or sustainable mowing (less than 2) (3 eco-schemes)  0% of the arable area with improving species ct seeding on 40% of the arable area y crops (3 eco-schemes) iven plant cover ing) on 40% of the interrrow area available in croplands and permanent crops (1 eco-scheme) andscape and biodiversity features: 7% on rainfed arable land, 4% on irrigated land, 4% on paying land, rather than targeting specific regions or types of agriculture the income forgone and the additional costs arising from the application of the practices   | } Bonu (only     | us for P4 and P6, i | f the farme<br>of land)           |   |

|           |            | Most of the pr   | actices sur    | ported under these eco-schemes build on the m  | andat    | ry requirements from conditionality  |            |              |       |   |
|-----------|------------|------------------|----------------|--|----------|--|------------|--------------|-------|---|
|           |            |                  |                |  |          | r additional practices and boost the environmental and climate perform     | nance of t | ho CAD       |       |   |
| Contribut |            | te change mitig  |                |  | acive (  | auditional practices and boost the environmental and chillate perjor       | nance of t | ne car       |       |   |
|           |            | sion reduction   | sacion and     | auaptation   |          |  |            |              |       |   |
| 1         |            |                  | . Coolo s      | I resulting needs:   |          |  |            |              |       |   |
|           |            | +                |                | -  |          |  |            |              |       |   |
|           |            | anı              | nual GHG e     | missions from agriculture:   | (.)      |  |            |              |       |   |
|           |            |                  |                |  | ons (tr  | e third largest agricultural GHG emitter in the EU                         |            |              |       |   |
|           |            |                  |                | 11% of Spains's CO2 emissions  |          |  |            |              |       |   |
|           |            |                  |                | The increase in GHG emissions fro  | m the    | gricultural sector in Spain has been higher than the EU average            |            |              |       |   |
|           |            | Planned interv   |                |  |          |  |            |              |       |   |
|           |            |                  |                | n places a ban on the burning of stubble (avoidin  |          |  |            |              |       |   |
|           |            |                  |                | tributing to achieving sustainable fertilisation (th   |          | icing N2O emissions  |            |              |       |   |
|           |            | 4 n              | nain types     | of interventions targeting reductions in GHG em  | issions  |  |            |              |       |   |
|           |            |                  |                | Eco-schemes  |          |  |            |              |       |   |
|           |            |                  |                | Eco-schemes on carbon  | n farmi  | ng and agroecology: rotations and no-tillage                               |            |              |       |   |
|           |            |                  |                | Eco-schemes on carbo   | n farmi  | ng: cover crops and inert covers (mulching) on woodycrops                  |            |              |       |   |
|           |            |                  |                | Environmental and climate commi  | tment    | for the promotion and sustainable management of pastures                   |            |              |       |   |
|           |            |                  |                | Aid for productive investments   |          |  |            |              |       |   |
|           |            |                  |                | Sectoral intervention for Fruit and  | Veget    | bles   |            |              |       |   |
| 2         | Carbon sto | orage            |                |  |          |  |            |              |       |   |
|           |            | State of play in | n Spain and    | resulting needs:   |          |  |            |              |       |   |
|           |            | i í              |                |  | rbon s   | 38 mil. T CO2 equiv. (MtCO2e) -> Spain is a net remover of GHG             |            |              |       |   |
|           |            |                  |                | -3 MtCO2e  |          |  |            |              |       |   |
|           |            | nos              | ssibilities to | o increase carbon removal in agricultural land:  |          |  |            |              |       |   |
|           |            | po               | 33.2           |  |          | vation of valuable traditional grasslands, orchards and agroforestry syste | ms         |              |       |   |
|           |            |                  |                |  |          | soil erosion   | 5          |              |       |   |
|           |            |                  |                |  |          | ing carbon sequestration and capture capacity                              |            |              |       |   |
|           |            |                  |                |  |          | ction of no-till and cover crops in cropland                               |            |              |       |   |
|           |            | Planned interv   | ontions:       |  | iiitiou  | ction of no-till and cover crops in cropiand                               |            |              |       |   |
|           |            |                  |                | t- b   |          |  |            |              |       |   |
|           |            |                  | •              | to have approximately 32% of its UAA under col   | mmitm    | ents to ennance carbon storage   |            |              |       |   |
|           |            |                  | ervensions     |  |          |  |            |              |       |   |
|           |            |                  | ,              | Environmental and climate commitments to mai   |          | , , ,  |            |              |       |   |
|           |            | lan              |                | Sectoral intervention for Fruit and Vegetables: a  |          | ,  |            |              |       |   |
|           |            |                  | F              | Eco-schemes on carbon farming and agroecolog   |          |  |            |              |       |   |
|           |            | Ara              | anie iano i    | Eco-schemes on carbon farming: cover crops and   |          | , , ,  |            |              |       |   |
|           |            | (so              | ulc) -         | Environmental and climate commitments for soi  |          |  |            |              |       |   |
|           |            | (50              | ,              | Environmental and climate commitments for soi  | l impro  | vement and erosion control practices                                       |            |              |       |   |
|           |            |                  |                | Aid for productive investments   |          |  |            |              |       |   |
|           |            | Per              |                |  |          | rsity in wet pastures and Mediterranean grassland areas pastures           |            |              |       |   |
|           |            | gra              |                | Environmental and climate commitments for the  | prom     | otion and sustainable management of pastures                               |            |              |       |   |
|           |            | (so              | ils)           | Aid for non-productive investments   |          |  |            |              |       |   |
|           |            | Per              | rmanent        | Aid for productive investments   |          |  |            |              |       |   |
|           |            | cro              | ps (soils)     | Non-productive forestry investments in afforest  | ation a  | nd agroforestry systems  |            |              |       |   |
| 3         | Climate ad | laptation        |                |  |          |  |            |              |       |   |
|           |            | State of play in | n Spain and    | resulting needs:   |          |  |            |              |       |   |
|           |            | Spa              | ain is one o   | of the most vulnerable regions in the EU to the ef   | fects o  | climate change   |            |              |       |   |
|           |            |                  |                | rise of temperatures (+1.7°C since pre-  |          |  |            |              |       |   |
|           |            |                  |                | industrial times)  | Ì        | hydric stress  |            |              |       |   |
|           |            |                  |                | changes in precipitation patterns  | J        | ,  |            |              |       |   |
|           |            |                  |                |  | of a ser | ni-arid climate, which has increased by 6% of the national territory cover | age over t | he last 40 v | /ears |   |
|           |            |                  |                |  |          | r events will impact crop and livestock productivity                       | J          |              |       |   |
|           |            | Planned interv   |                | and the same of th |          |  |            |              |       |   |
|           |            |                  |                | terventions  |          |  |            |              |       |   |
|           |            | COV              |                |  | on ag    | icultural production through nature-based solutions                        |            |              |       |   |
|           |            |                  |                | focus mostly on arable land  | . on ag  | icultural production through nature based solution:                        |            |              |       |   |
|           | 1          | 1 1              |                | liocus iliostiy oli arabie lallu   |          |  |            |              | 1     | 1 |

|                        | Ť.                         |                  | Ť.                       |                       |                                      |  |                         | <u></u>                 |    |
|------------------------|----------------------------|------------------|--------------------------|-----------------------|--------------------------------------|--|-------------------------|-------------------------|----|
|                        |                            |                  |                          |                       |                                      | rly vulnerable sectors such as the fruit   | and vegetable and th    | e wine secto            |    |
|                        |                            |                  | aim to build resilience  | by increasing soil    | quality and reducing the impact o    | f extreme weather events                   |                         |                         |    |
|                        |                            |                  |                          |                       |                                      |  |                         |                         |    |
|                        |                            | 2nd: seeks to    | promote adaptation o     | f crops and livesto   | ck by switching to varieties and b   | eeds that can tolerate the new condit      | ons                     |                         |    |
|                        |                            |                  | are addressed under      | ectoral intervention  | ons                                  |  |                         |                         |    |
|                        |                            |                  | included in aid to pro   | ductive investment    | S                                    |  |                         |                         |    |
|                        |                            |                  | in terms of livestock,   | he main intervent     | ions focus on extensive grazing (c   | attle in particular), by addressing susta  | inable grazing practic  | 2:                      |    |
|                        | Interventions              | :                |                          |                       |                                      |  |                         |                         |    |
|                        |                            | Eco-schemes      | on carbon farming: co    | ver crops and iner    | covers (mulching) on woody cro       | s on different slopes                      |                         |                         |    |
|                        |                            |                  |                          | <u> </u>              | Actions to mitigate and adapt to     | ·  |                         |                         |    |
|                        | Crops                      |                  |                          |                       | ructuring and conversion             | <u> </u>                                   |                         |                         |    |
|                        | systems                    |                  |                          |                       | ovement and erosion control practice | tices                                      |                         |                         |    |
|                        | -,                         |                  |                          |                       | ral land under organic agriculture   |  |                         |                         |    |
|                        |                            |                  |                          |                       |                                      | change mitigation-adaptation, efficien     | t use of natural resour | rces and animal welfare |    |
|                        |                            |                  |                          |                       | -                                    | rranean grassland areas pastures           | l doc or natural resour |                         |    |
|                        | Livestock                  |                  |                          |                       | otion and sustainable manageme       | ,  |                         |                         |    |
|                        | systems                    |                  |                          |                       | -                                    | igation-adaptation, efficient use of na    | ural resources and his  | odiversity              |    |
| Contribution to the pr | otection of natural reso   |                  | loudctive investments    | in agricultural floid | lings linked to climate change init  | igation-adaptation, emclent use of ha      | urai resources and bit  | Dulversity              |    |
|                        |                            | ai ces           |                          |                       |                                      |  |                         |                         |    |
|                        | ity and availability       | d roculting = -  | odc:                     |                       |                                      |  |                         |                         |    |
|                        | State of play in Spain and |                  |                          | l abamical a          |                                      |  | <b>1</b>                |                         |    |
|                        |                            |                  | e water bodies in good   |                       | Spain is the Member State with       | he lowest share of groundwater resou       | rces with good quality  | ,                       |    |
|                        |                            |                  | dwater in good chemic    |                       | 16                                   |  |                         |                         | į. |
|                        |                            |                  | •                        |                       | neral fertilisers and pesticides     |  |                         |                         |    |
|                        |                            |                  |                          |                       | e zones (NVZ) represent 35% of t     |  |                         |                         |    |
|                        | •                          |                  |                          |                       | 1919                                 | crop output is produced in irrigated la    |                         |                         |    |
|                        |                            |                  |                          |                       |                                      | t exteent of groundwater bodies have       | a "poor quantitative s  | tatus                   |    |
|                        |                            |                  | ts monitored are alrea   | , ,                   | ,                                    |  |                         |                         |    |
|                        |                            | are also affect  | ed by salinisation, whi  | ch concerns more      | han a quarter of Spanish streams     | and rivers                                 |                         |                         |    |
|                        | Planned interventions:     |                  |                          |                       |                                      |  |                         |                         |    |
|                        | Interventions              | <u>:</u>         |                          |                       |                                      |  |                         |                         |    |
|                        |                            | Environmenta     | al and climate commitr   | nents targeting int   | egrated productior                   |  |                         |                         |    |
|                        | Water                      | Environmenta     | al and climate commitr   | nents targeting su    | stainable cultivation commitment     |  |                         |                         |    |
|                        | quality                    | Environmenta     | al and climate commitr   | nents targeting ma    | intenance of habitats and preser     | ation of biodiversity                      |                         |                         |    |
|                        |                            | Environmenta     | al and climate commitr   | nents targeting so    | I improvement and erosion contr      | ol practices                               |                         |                         |    |
|                        | (nutrients                 | Aid for investi  | ments with environme     | ntal objectives       |                                      |  |                         |                         |    |
|                        | and                        | Area-specific    | disadvantages resultin   | g from certain mai    | ndatory requirements                 |  |                         |                         |    |
|                        | pesticides)                | Sectoral inter   | vention in the fruit and | vegetable sector:     | investments in tangible and inta     | gible assets, research and experiment      | al and innovative prod  | luction method          |    |
|                        |                            |                  | Vineyard restructuring   |                       | <b>9</b>                             | -  |                         |                         |    |
|                        |                            |                  | al and climatecommitn    |                       | egrated productior                   |  |                         |                         |    |
|                        | Water                      |                  |                          |                       | ntenance of habitats and preserv     | ation of biodiversity                      |                         |                         |    |
|                        |                            |                  |                          |                       |                                      | use of water resources and animal we       | lfare                   |                         |    |
|                        | quantity                   |                  |                          |                       | vironmental objectives               |  |                         |                         |    |
| 2 Soil quality         |                            |                  |                          |                       |                                      |  |                         |                         |    |
|                        | State of play in Spain and | d resulting nee  | ods.                     |                       |                                      |  |                         |                         |    |
|                        |                            |                  | on tonnes of carbon      |                       |                                      |  |                         |                         |    |
|                        | threats:                   | JUNE Z.I DIIII   | m connes of carboil      |                       |                                      |  |                         | 1                       |    |
|                        | uneats.                    | loss of soil ass | ganic mater (SOM)        |                       |                                      |  |                         |                         |    |
|                        |                            | ,                | ganic mater (SOM)        | 999/ of the Casair    | h provinces have SOC contents lo     | worthan 29/                                |                         |                         |    |
|                        |                            | 1035 01 5011 01  | Same carboll (SUC)       | '                     | <u>'</u>                             |  |                         |                         |    |
|                        |                            |                  |                          | •                     |                                      | st SOC from a historical perspective       | in the FU /2 4 : "      | - (.)                   |    |
|                        |                            | erosion          |                          |                       |                                      | ha/y, much higher than the average lo      |                         |                         |    |
|                        |                            |                  |                          |                       |                                      | where soil is kept uncovered and soil lo   |                         | 1 11                    |    |
|                        |                            |                  |                          |                       | •                                    | ligible for CAP funding, with soil loss ra |                         | ia/γ                    |    |
|                        |                            |                  |                          |                       |                                      | and threaten the productive capacity       |                         |                         |    |
|                        |                            | salinisation ar  | nd acidification         | two other import      | ant issues linked to the intensive   | use of fertilisers and unsustainable irri  | gation practices        |                         |    |
|                        |                            |                  |                          |                       |                                      |  |                         |                         |    |

|                         |                            | contamination (nallution   | CCOV of Chanish sails assessed          | d in a recent study had traces of at least two | nesticidos                              |                            | T T                       |
|-------------------------|----------------------------|----------------------------|---|--|---|----------------------------|---------------------------|
|                         |                            | contamination (poliution   | ·                                       | d in a recent study had traces of at least two | pesticides                              |                            |                           |
|                         |                            |                            | none are free fro                       | m pesticide residue                            |   |                            |                           |
|                         |                            | compaction                 |   |  |   |                            |                           |
|                         | Planned interventions:     |                            |   |  |   |                            |                           |
|                         |                            | expected to cover 43%      | of the UAA                              |  |   |                            |                           |
|                         | Interventions              |                            |   |  |   |                            |                           |
|                         |                            |                            | ate commitment targeting int            | -  |   |                            |                           |
|                         |                            |                            | ate commitment targeting sus            |  |   |                            |                           |
|                         | Erosion and                | Environmental and clima    | ate commitments on soil impr            | ovement and erosion control practices          |   |                            |                           |
|                         | soil                       | Environmental and clima    | ate commitment targeting org            | ranic farming                                  |   |                            |                           |
|                         | loss                       | Coupled aid for olive gro  | oves with specific constraints a        | and high environmental value                   |   |                            |                           |
|                         |                            | Non-productive forestry    | investments in afforestation            | and agroforestry systems                       |   |                            |                           |
|                         |                            | Aid for non-productive in  | nvestments in agricultural hol          | dings linked to contributing to environment,   | climate and animal welfare              |                            |                           |
|                         |                            | Environmental and clima    | ate commitments targeting in            | tegrated productior                            |   |                            |                           |
|                         |                            | Environmental and clima    | ate commitments targeting su            | stainable cultivation commitments              |   |                            |                           |
|                         | Contaminati                | Environmental and clima    | ate commitments targeting m             | aintenance of habitats and preservation of b   | iodiversity                             |                            |                           |
|                         |                            | Environmental and clima    | ate commitments targeting so            | il improvement and erosion control practice    | s                                       |                            |                           |
|                         | on (nosticidos)            |                            | environmental objectives                |  |   |                            |                           |
|                         | (pesticides)               | Area-specific disadvanta   | ges resulting from certain ma           | ndatory requirements                           |   |                            |                           |
|                         |                            |                            |   | : investments in tangible and intangible asse  | ts, research and experimental and       | innovative production meth | hod                       |
|                         |                            |                            | estructuring and conversion             |  |   |                            |                           |
|                         |                            |                            | farming and agroecology: rot            | ations and no-tillage                          |   |                            |                           |
|                         |                            |                            |   | t covers (mulching) on woody crops             |   |                            |                           |
|                         |                            |                            |   | rovement and erosion control practices         |   |                            |                           |
|                         |                            |                            |   | rovement and erosion control practices         |   |                            |                           |
|                         | Loss of                    | Aid for productive invest  |   | T  |   |                            |                           |
|                         | SOC/SOM                    | <u> </u>                   |   | versity in wet pastures and Mediterranean gr   | assland areas pastures                  |                            |                           |
|                         |                            |                            |   | notion and sustainable management of pasti     |   |                            |                           |
|                         |                            | Aid for non-productive in  |   |  |   |                            |                           |
|                         |                            | Aid for productive invest  |   |  |   |                            |                           |
|                         |                            |                            | investments in afforestation            | and agroforestry systems                       |   |                            |                           |
| Contribution to the pro | otection of biodiversity   | ,                          |   |  |   |                            |                           |
|                         | pecies related to agricult | ıral landscapes            |   |  |   |                            |                           |
|                         | State of play in Spain and |                            |   |  |   |                            |                           |
|                         |                            | nland bird trer can be use | ed asharometers of the                  |  |   |                            |                           |
|                         |                            | terfly populat             | a dissurbineters of the                 |  |   |                            |                           |
|                         | •                          |                            | reased by 33% (EU average tro           | end: -17 5%)                                   |   |                            |                           |
|                         | 2000 2017.                 |                            | terfly Index also shows a decli         |  |   |                            |                           |
|                         | Planned interventions:     |                            | •                                       | to biodiversity objectives, many of which sup  | port general sustainable agricultur:    | al management practices hi | out lack effective target |
|                         |                            |                            | face of landscape features              |  | , General Electronic agricultur         |                            |                           |
|                         |                            |                            | <u> </u>                                | ut intensity systems (that reduce chemical in  | puts                                    |                            |                           |
|                         |                            |                            |   | in permanent grassland is linked to extensive  |   |                            |                           |
|                         |                            |                            | t on beekeeping for biodivers           |  |   |                            |                           |
|                         | Interventions              |                            | I I I I I I I I I I I I I I I I I I I   |  |   |                            |                           |
|                         |                            |                            | ve grazing, mowing and biodiv           | I versity in wet pastures and Mediterranean gr | assland areas pastures                  |                            |                           |
|                         |                            |                            |   | notion and sustainable management of past      |   |                            |                           |
|                         |                            |                            |   | otion of beekeeping for biodiversity           |   |                            |                           |
|                         |                            |                            | ate commitment for integrate            |  |   |                            |                           |
|                         | Low input                  |                            | ate commitment for sustainat            |  |   |                            |                           |
|                         |                            |                            | ate commitment for the prote            |  |   |                            |                           |
|                         |                            |                            | ate commitment for alternativ           |  |   |                            |                           |
|                         |                            |                            | ate commitment in organic fa            |  |   |                            |                           |
|                         |                            |                            |   | enance or enhancement of traditional habita    | ats and farming activities that prese   | erve biodiversity          |                           |
|                         | Landscape                  |                            | y hotspots in croplands and po          |  | 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - |                            |                           |
|                         | features                   |                            | , | dings linked to climate change mitigation-ad   | aptation, efficient use of natural re   | sources and biodiversity   |                           |
|                         |                            |                            |   |  | , c                                     |                            |                           |

|                        | 1  | T                                     |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|------------------------|--|---------------------------------------|-----------------|----------------------|----------------------------------|---------------------------------------|-------------------|--------------|----------------------|---------------|--------------|--|--|
|                        |  | Commitments to mainta                 |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        | systems /  | Non-productive investm                | ents in basic s | services in the na   | atural environment               |                                       |                   |              |                      |               |              |  |  |
|                        | landscapes   | Non-productive forestry               | investments     | in afforestation a   | and agroforestry systems         |                                       |                   |              |                      |               |              |  |  |
| 2 Specific hal         | oitats and species   |                                       |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        | State of play in Spain and   | d resulting needs:                    |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        | Spain is a cou   | untry rich in biodiversity,           | with 26% of t   | he species prote     | cted under the EU's Birds an     | d Habitats Directives, and 55% of t   | he habitats pro   | tected unde  | r the Habitats Di    | irectiv       |              |  |  |
|                        | 40% of the sp  | pecies and 48% of the hal             | bitats protect  | ed under EU law      | in Spain are associated with     | agricultural landscapes               |                   |              |                      |               |              |  |  |
|                        | Spain has the largest share of total EU Natura 2000 area in the EU (18%), a large percentage of it (17%) is found in agricultural areas, including natural grasslance  |                                       |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        | Only 19% species and less than 9% of the habitats protected under the Habitats Directive are in good conservation status (2013-2018  The main threats to protected habitats in Spain are considered to relate to agricultural intensification (use of pesticides, homogenisation of the landscape, habitat fragmentation and the increase of infra |                                       |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        | EU recommendations consider that Spain should focus on halting and reversing the loss of biodiversity, including protected species and habitats:  Planned interventions:   |                                       |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        |  | Dian has programmed an                | intoniontion    | + a diractly addra   | es the FC's recommendation       | s an halting hiadivarsity lass and in | maravina landa    |              | tivitu and divara    | itu of lands  | anna alamant |  |  |
|                        |  |                                       |                 |                      |                                  | s on halting biodiversity loss and ir | inproving lands   | ape connec   | tivity and divers    | ity of lanust | ape element  |  |  |
|                        |  | d Non-productive investm              |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 |                      | as other rural areas with spec   | ific conservation needs               |                   |              |                      |               |              |  |  |
|                        |  | allocation of 190 million             |                 |                      | ·                                |                                       |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 | ·                    |                                  | ricultural landscapes) also contribu  | ute to the prote  | ction of spe | cific habitats and   | l species     |              |  |  |
|                        | The co-existe  | ence between livestock ar             | nd large carni  | vores is also som    | nething addressed in the Plan    |                                       |                   |              |                      |               |              |  |  |
|                        | The Plan also  | includes compensatory                 | payments for    | areas with speci     | fic disadvantages linked to the  | ne Natura 2000 network and the W      | /ater Framewor    | k Directive  |                      |               |              |  |  |
| Cross-cutting and inno | vative measures  |                                       |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
| 1 Cross-cutti          | ng mesures =   | - support for knowledge               | e exchange an   | nd dissemination,    | , advisory services and co-op    | eration                               |                   |              |                      |               |              |  |  |
|                        | The Spanish  | Plan specifies that knowle            | edge sharing r  | must focus on the    | e protection of nature, the e    | nvironment and the climate            |                   |              |                      |               |              |  |  |
|                        |  | rtnership for Innovation              |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        | ·  |                                       |                 |                      | nmental and climate question     | ns                                    |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 |                      | bjectives 4, 5 and 6 is mentic   |                                       |                   |              |                      |               |              |  |  |
|                        | inve   | estments in previous CAP              |                 |                      | ure management and treatm        |                                       |                   |              |                      |               |              |  |  |
|                        |  | l l l l l l l l l l l l l l l l l l l |                 | ustry footprint      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 |                      | based on grain legumes           |                                       |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 | ative sources of a   |                                  |                                       |                   |              |                      |               |              |  |  |
|                        | The Dien else  | a a maid a ra that a duis a ru        |                 |                      |                                  | mental and climate performance ir     |                   |              |                      |               |              |  |  |
| 2 Innovative           |  | Considers that advisory               | services carr p | nay a central role   | In achieving higher environ      | nentai and climate periormance ii     | i agriculture     |              |                      |               |              |  |  |
|                        | Innovative interventions   | docient                               | -               |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 | 11 CCD 111           |                                  |                                       |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 |                      |                                  | emain management and area-base        | ec                |              |                      |               |              |  |  |
|                        | •  | varra has opted to includ             | e a result-bas  | sed payment for i    | intervention in HNV pastures     |                                       |                   |              |                      |               |              |  |  |
|                        | New technologies:  |                                       |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        | Spain has inc  | cluded funding opportunit             |                 |                      |                                  | ons, limit pollution, and improve r   |                   | luding       |                      |               |              |  |  |
|                        |  |                                       |                 |                      |                                  | sions and in general to increase en   |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 |                      |                                  | agement, as well as fertiliser and p  | pesticide applica | ition        |                      |               |              |  |  |
|                        | Digitalisation   | is a word that appears o              | ften in the Sp  | anish Plan and h     | as been assessed as one of t     | ne needs                              |                   |              |                      |               |              |  |  |
| Conclusions            |  |                                       |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
| Spanish CAP Strategic  | Plan: The budget a   | allocation and interventio            | ns programm     | ed in the Spanish    | h CAP Strategic Plan fall shor   | of the needs identified in the Plar   | n itsel           |              |                      |               |              |  |  |
|                        | Total budget   | dedicated to envi.&clima              | ate objectives  | = 27% of total C     | AP budget                        |                                       |                   |              |                      |               |              |  |  |
|                        | Spain has exc  | ceeded the minimum req                | uired spendin   | ng for environme     | nt and climate in Pillar II (479 | %, vs. 35%                            |                   |              |                      |               |              |  |  |
|                        | GHG emissio  | ns mitigation and climate             | adaptation, v   | which come as a      | high priority in the Plan, are   | not effectively addressec             |                   |              |                      |               |              |  |  |
|                        | Spain has int  | roduced a new GAEC (10)               | requiring far   | mers to plan and     | d record nutrient and organic    | carbon inputs on their lang           |                   |              |                      |               |              |  |  |
|                        | Many of the  | environment and climate               | commitment      | ts in Pillar II have | been taken up by a small nu      | mber of Autonomous Communitie         | es and have sma   | II budget:   |                      |               |              |  |  |
|                        |  |                                       |                 |                      | emes such as results-based       |                                       |                   | 3            |                      |               |              |  |  |
|                        |  | view scheduled on 2026                |                 | 22.7.2.30.1          |                                  |                                       |                   |              |                      |               |              |  |  |
| 1 Recommen             | dations for amending th  |                                       | + +             |                      |                                  |                                       |                   |              |                      |               |              |  |  |
| 1.000.11111011         |  |                                       | ied challenges  | s and needs and      | the planned interventions        |                                       |                   |              |                      |               |              |  |  |
|                        |  | GAEC requirements (GAEC               |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |
|                        | -  |                                       |                 |                      | payments rewarding increase      | sed levels of ambition                |                   |              |                      |               |              |  |  |
|                        |  | •                                     | •               |                      | ions in relation to water qua    |                                       |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 |                      | · ·                              | *                                     | nts and safa      | de on net-   | sticilis borneful    |               |              |  |  |
|                        |  |                                       |                 |                      |                                  | es and strengthen the requiremer      | iits aiiu saiegua | us on poter  | itially Harrillul IT | ieasure:      |              |  |  |
|                        | introduce res  | sults-based payments for              | specific inter  | ventions targetin    | ig particular problems           |                                       |                   |              |                      |               |              |  |  |
|                        |  |                                       |                 |                      |                                  |                                       |                   |              |                      |               |              |  |  |

| 2 Wider red | ommendations:   |                |                         |                 |            |  |            |         |  |
|-------------|-----------------|----------------|-------------------------|-----------------|------------|--|------------|---------|--|
|             | Biodiversity-   |                |                         |                 |            |  |            |         |  |
|             | Increase action | on to reduce t |                         |                 |            |  |            |         |  |
|             | Introduce en    | vironmental a  | nd climate ring-fencing | for cross-cutti | ng measu   | sures, all sectoral interventions, and productive investments in the n | ext EU reg | ulatior |  |
|             | Accompany of    | hanges in the  | production systems by   | changes in oth  | er parts o | s of the food systems  |            |         |  |
|             |                 |                |                         |                 |            |  |            |         |  |

Spain has not used the flexibility provided within the new CAP structure to significantly increase its environmental and climate ambition. Rather, the current Plan does not present significant differences, in terms of budget allocation to environmental and socio-economic objectives, than the previous CAP period. Novel interventions like eco-schemes, if properly re-designed and rewarded, as well as revised conditions for coupled income support and investments for irrigation systems could provide an opportunity to improve the environmental and climate ambition of the CAP in Spain and support farmers to better contribute to the objectives set by the Green Deal. The revision of the interventions and budgets proposed in the EU Regulation