Annexes:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ANNEX A:  **Table A1**  **Quality of IAs, by DG, part 1** | | | | | | | | | | |
|  | **AGRI**  **(n=1)** | **CLIMA**  **(n=4)** | **COMP**  **(n=1)** | **CONNECT**  **(n=7)** | **EAC**  **(n=2)** | **EEAS**  **(n=1)** | **EMPL**  **(n=6)** | **ENER**  **(n=10)** | **ENVI**  **(n=2)** | **FISMA**  **(n=13)** |
|  |  |  |  |  |  |  |  |  |  |  |
|  | **Evidence-backed choices** | | | | | | | | | |
| Quantified costs | 1.000 | 0.750 | 1.000 | 0.714 | 0.500 | 0.000 | 1.000 | 1.000 | 1.000 | 0.307 |
| Quantified benefits | 1.000 | 1.000 | 1.000 | 1.000 | 0.500 | 0.000 | 0.833 | 0.800 | 1.000 | 0.538 |
| Alternative policy approaches considered | 1.000 | 0.750 | 1.000 | 0.714 | 0.000 | 1.000 | 0.833 | 0.900 | 1.000 | 0.769 |
| Alternative policy instruments considered | 1.000 | 0.500 | 1.000 | 1.000 | 0.500 | 1.000 | 0.833 | 0.900 | 1.000 | 0.769 |
| Costs and benefits weighed against each other | 1.000 | 0.500 | 0.000 | 0.428 | 0.000 | 0.000 | 0.833 | 0.600 | 1.000 | 0.769 |
| Costs and benefits assesses for all policy options | 1.000 | 0.500 | 0.000 | 0.285 | 0.000 | 0.000 | 0.833 | 0.600 | 1.000 | 0.000 |
| Justified choice for preferred policy option | 1.000 | 0.500 | 1.000 | 0.571 | 0.500 | 1.000 | 0.666 | 0.800 | 1.000 | 0.538 |
| **TOTAL** | **7.000** | **4.500** | **5.000** | **4.712** | **2.000** | **3.000** | **5.831** | **5.600** | **7.000** | **4.459** |
|  | **Transparency of process** | | | | | | | | | |
| List of affected parties | 1.000 | 0.750 | 0.000 | 1.000 | 0.500 | 1.000 | 1.000 | 0.800 | 1.000 | 0.923 |
| Open public consultation | 1.000 | 1.000 | 1.000 | 0.857 | 1.000 | 1.000 | 0.833 | 0.800 | 1.000 | 1.000 |
| Consultation with target audience | 1.000 | 0.500 | 1.000 | 0.857 | 0.500 | 1.000 | 1.000 | 0.900 | 1.000 | 0.692 |
| Targeted consultation with experts or Member States | 1.000 | 0.500 | 1.000 | 1.000 | 0.500 | 1.000 | 0.833 | 0.900 | 1.000 | 0.692 |
| Results of OPC detailed | 1.000 | 0.250 | 1.000 | 1.000 | 0.500 | 1.000 | 0.333 | 0.500 | 1.000 | 0.692 |
| Necessity principle addressed | 0.000 | 0.750 | 1.000 | 0.857 | 1.000 | 0.000 | 0.833 | 0.800 | 0.500 | 0.846 |
| **Total** | **5.000** | **3.750** | **5.000** | **5.571** | **4.000** | **5.000** | **4.832** | **4.700** | **5.500** | **4.845** |
|  | **Assessed impacts** | | | | | | | | | |
| Economic impacts | 1.000 | 1.000 | 1.000 | 1.000 | 0.500 | 1.000 | 1.000 | 1.000 | 1.000 | 0.923 |
| Impact on target audience | 1.000 | 0.500 | 1.000 | 0.428 | 0.500 | 0.000 | 1.000 | 0.900 | 1.000 | 0.692 |
| Impact on Member States Government | 1.000 | 0.750 | 1.000 | 0.571 | 0.000 | 0.000 | 0.666 | 0.400 | 0.500 | 0.384 |
| Administrative burden | 1.000 | 0.500 | 1.000 | 0.571 | 0.000 | 0.000 | 0.500 | 0.600 | 1.000 | 0.384 |
| Compliance costs | 0.000 | 0.750 | 1.000 | 1.000 | 0.500 | 0.000 | 1.000 | 0.900 | 1.000 | 0.923 |
| Intangible impacts | 1.000 | 0.250 | 0.000 | 0.857 | 0.000 | 1.000 | 1.000 | 0.700 | 1.000 | 0.692 |
| Indirect impacts | 1.000 | 0.500 | 1.000 | 0.714 | 1.000 | 1.000 | 1.000 | 0.900 | 1.000 | 1.000 |
| Social and environmental impacts | 1.000 | 1.000 | 1.000 | 0.285 | 1.000 | 1.000 | 0.833 | 0.900 | 1.000 | 0.153 |
| **TOTAL** | **7.000** | **5.250** | **7.000** | **5.426** | **3.500** | **4.000** | **6.999** | **6.300** | **7.500** | **5.151** |
|  | **Employed methods** | | | | | | | | | |
| Cost-benefit analysis | 0.000 | 0.000 | 0.000 | 0.142 | 0.000 | 0.000 | 0.166 | 0.300 | 0.000 | 0.153 |
| Standard cost model | 0.000 | 0.000 | 0.000 | 0.285 | 0.000 | 0.000 | 0.166 | 0.300 | 0.500 | 0.153 |
| Multi-criteria analysis | 1.000 | 0.000 | 0.000 | 0.285 | 0.000 | 0.000 | 0.333 | 0.000 | 0.000 | 0.000 |
| Cost-effectiveness analysis | 0.000 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.200 | 0.000 | 0.500 | 0.153 |
| Other methods | 0.000 | 0.750 | 0.000 | 0.428 | 1.000 | 1.000 | 0.500 | 0.200 | 0.000 | 0.461 |
| Sensitivity analysis | 1.000 | 0.750 | 1.000 | 0.714 | 0.000 | 0.000 | 0.666 | 0.800 | 1.000 | 0.000 |
| Method used properly | 1.000 | 0.000 | 1.000 | 0.428 | 0.000 | 0.000 | 0.166 | 0.500 | 1.000 | 0.076 |
|  | **Subsidiarity concerns** | | | | | | | | | |
| Intervention limited to what MS cannot achieve by themselves | 1.000 | 0.500 | 1.000 | 0.714 | 1.000 | 1.000 | 0.333 | 0.700 | 0.500 | 0.461 |
| EU Added value | 0.000 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **Total** | **1.000** | **0.750** | **1.000** | **0.714** | **1.000** | **1.000** | **0.333** | **0.700** | **0.500** | **0.461** |
|  | **Overall quality** | | | | | | | | | |
| Quality score | 0.880 | 0.600 | 0.800 | 0.702 | 0.420 | 0.520 | 0.753 | 0.744 | 0.900 | 0.599 |
| *Note: the values are recorded as binary variables. A value of 1 for the variable “Costs quantified”, for example, means that the costs are quantified, either for all policy options, or for the preferred policy option for a given IA, whereas a value of 0 indicated no quantification. The resulted values in the tables are the average of the values under one indicator, taken for all IAs reviewed.* | | | | | | | | | | |

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|  | **Table A1**  **Quality of IAs, by DG, part 2** | | | | | | | | | | | | |
|  | | **FPI**  **(n=1)** | **GROW**  **(n=11)** | **HOME**  **(n=7)** | | **JUST**  **(n=10)** | **MARE**  **(n=1)** | | **MOVE**  **(n=10)** | **RTD**  **(n=1)** | **SANTE**  **(n=2)** | **TAXUD**  **(n=7)** | **TRADE**  **(n=1)** |
|  | |  |  |  |  | | |  |  |  |  |  |  |
|  | **Evidence-backed choices** | | | | | | | | | | | | |
| Quantified costs | | 0.000 | 0.727 | 0.428 | 0.600 | | | 1.000 | 0.700 | 0.000 | 1.000 | 0.428 | 0.000 |
| Quantified benefits | | 0.000 | 0.727 | 0.428 | 0.600 | | | 0.000 | 0.700 | 0.000 | 1.000 | 0.428 | 1.000 |
| Alternative policy approaches considered | | 1.000 | 0.818 | 1.000 | 0.800 | | | 0.000 | 1.000 | 1.000 | 1.000 | 1.000 | 0.000 |
| Alternative policy instruments considered | | 1.000 | 0.909 | 0.857 | 0.500 | | | 1.000 | 1.000 | 0.000 | 1.000 | 0.714 | 1.000 |
| Costs and benefits weighed against each other | | 0.000 | 0.454 | 0.428 | 0.500 | | | 0.000 | 0.600 | 0.000 | 1.000 | 0.285 | 1.000 |
| Costs and benefits assesses for all policy options | | 0.000 | 0.272 | 0.428 | 0.400 | | | 0.000 | 0.600 | 0.000 | 0.500 | 0.285 | 1.000 |
| Justified choice for preferred policy option | | 0.000 | 0.454 | 0.428 | 0.600 | | | 0.000 | 0.700 | 0.000 | 1.000 | 0.571 | 1.000 |
| **Total** | | **2.000** | **4.361** | **3.997** | **4.000** | | | **2.000** | **5.300** | **1.000** | **6.500** | **3.711** | **5.000** |
|  | **Transparency of process** | | | | | | | | | | | | |
| List of affected parties | | 1.000 | 0.909 | 0.857 | 0.800 | | | 0.000 | 1.000 | 0.000 | 0.500 | 1.000 | 1.000 |
| Open public consultation | | 1.000 | 0.909 | 1.000 | 0.900 | | | 0.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Consultations with target audience | | 1.000 | 0.636 | 1.000 | 1.000 | | | 1.000 | 0.900 | 1.000 | 0.500 | 0.428 | 0.000 |
| Targeted consultation with experts or Member States | | 1.000 | 1.000 | 0.636 | 0857 | | | 1.000 | 0.900 | 1.000 | 0.500 | 1.000 | 0.000 |
| Results of OPC detailed | | 1.000 | 0.909 | 0.571 | 0.500 | | | 0.000 | 0.900 | 1.000 | 0.500 | 0.714 | 1.000 |
| Necessity principle addressed | | 1.000 | 0.818 | 1.000 | 0.800 | | | 1.000 | 0.700 | 1.000 | 1.000 | 1.000 | 0.000 |
| **Total** | | **6.000** | **5.181** | **5.064** | **4.857** | | | **3.000** | **5.400** | **5.000** | **4.000** | **5.142** | **3.000** |
|  | **Selection and quantification of impacts** | | | | | | | | | | | | |
| Economic impacts | | 1.000 | 0.909 | 1.000 | 0.900 | | | 0.000 | 0.800 | 1.000 | 1.000 | 1.000 | 1.000 |
| Impact on target audience | | 1.000 | 0.636 | 0.571 | 0.500 | | | 0.000 | 0.900 | 1.000 | 1.000 | 0.714 | 1.000 |
| Impact on Member States Government | | 0.000 | 0.545 | 0.571 | 0.600 | | | 0.000 | 0.600 | 1.000 | 1.000 | 0.571 | 0.000 |
| Administrative burden | | 0.000 | 0.454 | 0.428 | 0.400 | | | 0.000 | 0.700 | 0.000 | 0.500 | 0.285 | 0.000 |
| Compliance costs | | 1.000 | 0.818 | 1.000 | 0.900 | | | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 0.000 |
| Intangible impacts | | 1.000 | 1.000 | 1.000 | 0.800 | | | 1.000 | 0.700 | 0.000 | 1.000 | 1.000 | 1.000 |
| Indirect impacts | | 0.000 | 0.727 | 0.714 | 1.000 | | | 1.000 | 0.800 | 0.000 | 1.000 | 0.857 | 1.000 |
| Social and environmental impacts | | 0.000 | 0.636 | 0.857 | 0.400 | | | 1.000 | 0.900 | 0.000 | 1.000 | 0.428 | 1.000 |
| **Total** | | **4.000** | **5.725** | **6.141** | **5.500** | | | **4.000** | **6.400** | **4.000** | **7.500** | **5.855** | **5.000** |
|  | **Employed methods** | | | | | | | | | | | | |
| Cost-benefit analysis | | 0.000 | 0.272 | 0.571 | 0.200 | | | 0.000 | 0.300 | 0.000 | 1.000 | 0.000 | 0.000 |
| Standard cost model | | 0.000 | 0.272 | 0.000 | 0.300 | | | 0.000 | 0.100 | 1.000 | 0.000 | 0.000 | 0.000 |
| Multi-criteria analysis | | 0.000 | 0.000 | 0.000 | 0.300 | | | 0.000 | 0.100 | 0.000 | 0.000 | 0.142 | 0.000 |
| Cost-effectiveness analysis | | 0.000 | 0.090 | 0.000 | 0.000 | | | 0.000 | 0.100 | 1.000 | 0.000 | 0.000 | 0.000 |
| Other methods | | 1.000 | 0.272 | 0.428 | 0.200 | | | 1.000 | 0.400 | 0.000 | 0.000 | 0.571 | 1.000 |
| Sensitivity analysis | | 0.000 | 0.727 | 0.285 | 0.400 | | | 0.000 | 0.500 | 0.000 | 1.000 | 1.000 | 1.000 |
| Method used properly | | 0.000 | 0.363 | 0.285 | 0.500 | | | 0.000 | 0.300 | 0.000 | 0.000 | 0.285 | 0.000 |
|  | **Subsidiarity concerns** | | | | | | | | | | | | |
| Intervention limited to what MS cannot achieve by themselves | | 1.000 | 0.363 | 0.857 | 0.600 | | | 1.000 | 1.000 | 1.000 | 1.000 | 0.285 | 1.000 |
| EU Added value | | 0.000 | 0.181 | 0.000 | 0.000 | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **Total** | | **1.000** | **0.544** | **0.857** | **0.600** | | | **1.000** | **1.000** | **1.000** | **1.000** | **0.285** | **1.000** |
|  | **Overall quality** | | | | | | | | | | | | |
| Quality score | | 0.520 | 0.676 | 0.665 | 0.634 | | | 0.400 | 0.756 | 0.440 | 0.800 | 0.651 | 0.600 |
| *Note: The values are recorded as binary variables. A value of 1 for the variable “Costs quantified”, for example, means that the costs are quantified, either for all policy options, or for the preferred policy option for a given IA, whereas a value of 0 indicated no quantification. The resulted values in the tables are the average of the values under one indicator, taken for all IAs reviewed.* | | | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Table A2**  **Quality of IAs per year** | | | | | | |
|  | | **2016**  **(n=20)** | **2017**  **(n=19)** | **2018**  **(n=25)** | **2019**  **(n=10)** | **2020**  **(n=12)** | **2021**  **(n=14)** |
|  | |  |  |  |  |  |  |
|  | **Evidence-backed choices** | | | | | | |
| Quantified costs | | 0.450 | 0.842 | 0.520 | 0.800 | 0.583 | 0.857 |
| Costs and benefits weighed against each other | | 0.350 | 0.526 | 0.360 | 0.700 | 0.333 | 0.642 |
| Costs and benefits assesses for all policy options | | 0.300 | 0.526 | 0.280 | 0.600 | 0.333 | 0.500 |
| Quantified benefits | | 0.350 | 0.789 | 0.480 | 1.000 | 0.916 | 0.642 |
| Alternative policy instruments considered | | 0.750 | 0.894 | 0.760 | 0.900 | 0.666 | 0.785 |
| Alternative policy approaches considered | | 0.950 | 0.894 | 0.680 | 0.800 | 0.833 | 0.928 |
| Justified choice for preferred policy option | | 0.550 | 0.578 | 0.400 | 0.900 | 0.833 | 0.714 |
| **Total** | | **3.700** | **5.049** | **3.480** | **5.700** | **4.497** | **5.068** |
|  | **Transparency of process** | | | | | | |
| List of affected parties | | 0.900 | 0.894 | 0.800 | 0.800 | 0.916 | 0.857 |
| Consultation with Member States | | 0.950 | 0.578 | 0.920 | 0.900 | 0.750 | 0.785 |
| Consultation with relevant stakeholders | | 0.850 | 0.578 | 0.920 | 0.900 | 0.750 | 0.785 |
| Open public consultation | | 0.900 | 1.000 | 0.880 | 0.900 | 1.000 | 0.928 |
| Results of OPC detailed | | 0.750 | 0.631 | 0.800 | 0.500 | 0.583 | 0.642 |
| Necessity principle addressed | | 0.850 | 0.631 | 0.720 | 0.800 | 1.000 | 0.928 |
| **Total** | | **5.200** | **4.312** | **5.040** | **4.800** | **4.999** | **4.925** |
|  | **Employed methods** | | | | | | |
| Cost-benefit analysis | | 0.150 | 0.421 | 0.160 | 0.200 | 0.333 | 0.142 |
| Standard cost model | | 0.250 | 0.263 | 0.080 | 0.100 | 0.083 | 0.285 |
| Multi-criteria analysis | | 0.050 | 0.052 | 0.200 | 0.100 | 0.083 | 0.142 |
| Cost-effectiveness analysis | | 0.050 | 0.105 | 0.120 | 0.000 | 0.000 | 0.071 |
| Other methods | | 0.400 | 0.263 | 0.400 | 0.400 | 0.416 | 0.500 |
| Sensitivity analysis | | 0.600 | 0.684 | 0.320 | 0.700 | 0.416 | 0.428 |
| Method used properly | | 0.350 | 0.421 | 0.160 | 0.500 | 0.416 | 0.214 |
|  | |  |  |  |  |  |  |
|  | **Assessed impacts** | | | | | | |
| Economic impacts | | 0.950 | 1.000 | 0.800 | 1.000 | 0.916 | 1.000 |
| Intangible Impacts | | 0.850 | 0.947 | 0.760 | 0.700 | 0.583 | 0.642 |
| Social and environmental impacts | | 0.650 | 0.684 | 0.680 | 0.900 | 0.500 | 0.428 |
| Compliance costs | | 0.950 | 0.894 | 0.760 | 0.900 | 1.000 | 1.000 |
| Indirect Impacts | | 0.800 | 0.684 | 0.920 | 1.000 | 0.916 | 0.857 |
| Administrative burden | | 0.300 | 0.421 | 0.440 | 0.700 | 0.750 | 0.428 |
| Impact on Member States Government | | 0.350 | 0.684 | 0.360 | 0.500 | 0.833 | 0.714 |
| Impact on target audience | | 0.550 | 0.736 | 0.600 | 0.800 | 0.833 | 0.928 |
| **Total** | | **5.542** | **6.050** | **5.320** | **6.500** | **6.331** | **6.024** |
|  | **Subsidiarity Principle** | | | | | | |
| Intervention limited to what MS cannot achieve by themselves | | 0.700 | 0.578 | 0.800 | 0.700 | 0.416 | 0.500 |
| EU Added value | | 0.100 | 0.052 | 0.000 | 0.000 | 0.000 | 0.000 |
| **Total** | | **0.800** | **0.630** | **0.800** | **0.700** | **0.416** | **0.500** |
|  | **Overall quality** | | | | | | |
| **Quality score** | | **0.647** | **0.685** | **0.604** | **0.756** | **0.683** | **0.686** |
|  | *Note: the values are recorded as binary variables. A value of 1 for the variable “Costs quantified”, for example, means that the costs are quantified, either for all policy options, or for the preferred policy option for a given IA, whereas a value of 0 indicated no quantification. The resulted values in the tables are the average of the values under one indicator, taken for all IAs reviewed.* | | | | | | |

Annex B:

| **Table B1: List of reviewed IAs** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DG** | **2016** | **2017** | **2018** | **2019** | **2020** | **2021** | **TOTAL** | |
| AGRI | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| CLIMA | 1 | 1 | 0 | 1 | 1 | 0 | 4 |
| COMP | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| COMP + CONNECT + GROW | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| CONNECT | 3 | 1 | 2 | 0 | 1 | 0 | 7 |
| EAC | 0 | 0 | 1 | 1 | 0 | 0 | 2 |
| EEAS | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| EMPL | 0 | 3 | 1 | 0 | 1 | 1 | 6 |
| ENER | 4 | 1 | 0 | 5 | 0 | 0 | 10 |
| ENVI | 0 | 1 | 1 | 0 | 0 | 0 | 2 |
| FISMA | 2 | 0 | 5 | 0 | 3 | 3 | 13 |
| FPI | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| GROW | 1 | 4 | 4 | 1 | 0 | 1 | 11 |
| HOME | 2 | 1 | 1 | 0 | 2 | 1 | 7 |
| JUST | 2 | 0 | 4 | 1 | 1 | 2 | 10 |
| MARE | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| MOVE | 1 | 4 | 2 | 0 | 0 | 3 | 10 |
| SANTE | 0 | 1 | 0 | 1 | 0 | 0 | 2 |
| SANTE + ENVI | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| TAXUD | 1 | 1 | 2 | 0 | 1 | 2 | 7 |
| TRADE | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| **TOTAL** | **20** | **19** | **25** | **10** | **12** | **14** | **100** |