### Matériau : MA\_USER\_COMM\_OR\_LBL

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| Unité | MA\_UNIT | R. thermique (m2.K/W) | MA\_THR | Volume (m3) | MA\_VOL |
| Qté. | MA\_QTY | Déphasage ∆t (h) | MA\_HTD | Vol. biosourcés (m3) | MA\_BRS\_V |
| Qual. air | MA\_AIR\_R | Chaleur transmise vers l’intérieur (%) | MA\_HTF | Vol. bois (m3) | MA\_WOOD\_V |
| Réaction au feu | MA\_FIRE\_REACTION | Inertie quotidienne kJ/(m².K) : | MA\_AHC\_1D | Poids (kg) | MA\_WEIGHT |
| Origin. Données env. | MA\_ORIG\_ENV | Inertie séquentielle 12 jours - kJ/(m².K) | MA\_AHC\_12D | Poids biosourcés (kg) | MA\_BRS\_W |
| Id. Inies | MA\_INIES\_ID | Coef. perm. vapeur d’eau (mu) | MA\_MU | Poids bois (m3) | MA\_WOOD\_W |

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| Description | EQ\_DESCRIPTION |
| Commentaire | MA\_COMMENT |
| Déclarant(s) | MA\_DECLARANTS |
| Sources | MA\_SOURCES |

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| **Etape du cycle de vie** | | | **Réchauffement climatique** | **Appauvrissement couche d’ozone stratosphérique** | **Eutrophisation** | **Formation d’ozone troposphérique** | **Epuisement des ressources abiotiques non fossiles** | **Epuisement des ressources abiotiques fossiles** | **Pollution de l’air** | **Pollution de l’eau** |
| *kg CO2 éq/UF* | *kg CFC 11 éq/UF* | *kg (PO4)3- éq/UF.* | *kg éthylène éq/UF* | *kg Sb éq/UF* | *MJ/UF* | *m3/UF* | *m3/UF* |
| **Production** | Extraction | A1 | MA\_GWP\_A1 | MA\_ODP\_A1 | MA\_EP\_A1 | MA\_POCP\_A1 | MA\_ADPE\_A1 | MA\_ADPF\_A1 | MA\_AIP\_A1 | MA\_WAP\_A1 |
| Transport | A2 | MA\_GWP\_A2 | MA\_ODP\_A2 | MA\_EP\_A2 | MA\_POCP\_A2 | MA\_ADPE\_A2 | MA\_ADPF\_A2 | MA\_AIP\_A2 | MA\_WAP\_A2 |
| Fabrication | A3 | MA\_GWP\_A3 | MA\_ODP\_A3 | MA\_EP\_A3 | MA\_POCP\_A3 | MA\_ADPE\_A3 | MA\_ADPF\_A3 | MA\_AIP\_A3 | MA\_WAP\_A3 |
| **Sous total** | **A1-A3** | **MA\_GWP\_A1\_A3** | **MA\_ODP\_A1\_A3** | **MA\_EP\_A1\_A3** | **MA\_POCP\_A1\_A3** | **MA\_ADPE\_A1\_A3** | **MA\_ADPF\_A1\_A3** | **MA\_AIP\_A1\_A3** | **MA\_WAP\_A1\_A3** |
| **Mise en œuvre** | Transport | A4 | MA\_GWP\_A4 | MA\_ODP\_A4 | MA\_EP\_A4 | MA\_POCP\_A4 | MA\_ADPE\_A4 | MA\_ADPF\_A4 | MA\_AIP\_A4 | MA\_WAP\_A4 |
| Construction | A5 | MA\_GWP\_A5 | MA\_ODP\_A5 | MA\_EP\_A5 | MA\_POCP\_A5 | MA\_ADPE\_A5 | MA\_ADPF\_A5 | MA\_AIP\_A5 | MA\_WAP\_A5 |
| **Sous total** | **A4-A5** | **MA\_GWP\_A4\_A5** | **MA\_ODP\_A4\_A5** | **MA\_EP\_A4\_A5** | **MA\_POCP\_A4\_A5** | **MA\_ADPE\_A4\_A5** | **MA\_ADPF\_A4\_A5** | **MA\_AIP\_A4\_A5** | **MA\_WAP\_A4\_A5** |
| **Usage** | Utilisation | B1 | MA\_GWP\_B1 | MA\_ODP\_B1 | MA\_EP\_B1 | MA\_POCP\_B1 | MA\_ADPE\_B1 | MA\_ADPF\_B1 | MA\_AIP\_B1 | MA\_WAP\_B1 |
| Entretien | B2 | MA\_GWP\_B2 | MA\_ODP\_B2 | MA\_EP\_B2 | MA\_POCP\_B2 | MA\_ADPE\_B2 | MA\_ADPF\_B2 | MA\_AIP\_B2 | MA\_WAP\_B2 |
| Réparation | B3 | MA\_GWP\_B3 | MA\_ODP\_B3 | MA\_EP\_B3 | MA\_POCP\_B3 | MA\_ADPE\_B3 | MA\_ADPF\_B3 | MA\_AIP\_B3 | MA\_WAP\_B3 |
| Remplacement | B4 | MA\_GWP\_B4 | MA\_ODP\_B4 | MA\_EP\_B4 | MA\_POCP\_B4 | MA\_ADPE\_B4 | MA\_ADPF\_B4 | MA\_AIP\_B4 | MA\_WAP\_B4 |
| Rénovation | B5 | MA\_GWP\_B5 | MA\_ODP\_B5 | MA\_EP\_B5 | MA\_POCP\_B5 | MA\_ADPE\_B5 | MA\_ADPF\_B5 | MA\_AIP\_B5 | MA\_WAP\_B5 |
| Utilisation de l’énergie | B6 | MA\_GWP\_B6 | MA\_ODP\_B6 | MA\_EP\_B6 | MA\_POCP\_B6 | MA\_ADPE\_B6 | MA\_ADPF\_B6 | MA\_AIP\_B6 | MA\_WAP\_B6 |
| Utilisation de l’eau | B7 | MA\_GWP\_B7 | MA\_ODP\_B7 | MA\_EP\_B7 | MA\_POCP\_B7 | MA\_ADPE\_B7 | MA\_ADPF\_B7 | MA\_AIP\_B7 | MA\_WAP\_B7 |
| **Sous total** | **B1-B7** | **MA\_GWP\_B1\_B7** | **MA\_ODP\_B1\_B7** | **MA\_EP\_B1\_B7** | **MA\_POCP\_B1\_B7** | **MA\_ADPE\_B1\_B7** | **MA\_ADPF\_B1\_B7** | **MA\_AIP\_B1\_B7** | **MA\_WAP\_B1\_B7** |
| **Fin de vie** | Démantèlement | C1 | MA\_GWP\_C1 | MA\_ODP\_C1 | MA\_EP\_C1 | MA\_POCP\_C1 | MA\_ADPE\_C1 | MA\_ADPF\_C1 | MA\_AIP\_C1 | MA\_WAP\_C1 |
| Transport | C2 | MA\_GWP\_C2 | MA\_ODP\_C2 | MA\_EP\_C2 | MA\_POCP\_C2 | MA\_ADPE\_C2 | MA\_ADPF\_C2 | MA\_AIP\_C2 | MA\_WAP\_C2 |
| Traitement déchets | C3 | MA\_GWP\_C3 | MA\_ODP\_C3 | MA\_EP\_C3 | MA\_POCP\_C3 | MA\_ADPE\_C3 | MA\_ADPF\_C3 | MA\_AIP\_C3 | MA\_WAP\_C3 |
| Elimination déchets | C4 | MA\_GWP\_C4 | MA\_ODP\_C4 | MA\_EP\_C4 | MA\_POCP\_C4 | MA\_ADPE\_C4 | MA\_ADPF\_C4 | MA\_AIP\_C4 | MA\_WAP\_C4 |
| **Sous total** | **C1-B4** | **MA\_GWP\_C1\_C4** | **MA\_ODP\_C1\_C4** | **MA\_EP\_C1\_C4** | **MA\_POCP\_C1\_C4** | **MA\_ADPE\_C1\_C4** | **MA\_ADPF\_C1\_C4** | **MA\_AIP\_C1\_C4** | **MA\_WAP\_C1\_C4** |
| **Ensemble cycle de vie (hors D)** | | **WLC** | **MA\_GWP\_WLC** | **MA\_ODP\_WLC** | **MA\_EP\_WLC** | **MA\_POCP\_WLC** | **MA\_ADPE\_WLC** | **MA\_ADPF\_WLC** | **MA\_AIP\_WLC** | **MA\_WAP\_WLC** |
| **Bénéfices et charges au-delà des frontières du système** | | **D** | **MA\_GWP\_D** | **MA\_ODP\_D** | **MA\_EP\_D** | **MA\_POCP\_D** | **MA\_ADPE\_D** | **MA\_ADPF\_D** | **MA\_AIP\_D** | **MA\_WAP\_D** |

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| **Etape du cycle de vie** | | | **Energie renouvelable** | | | **Energie non renouvelable** | | | **Énergie procédé** | **Energie matière** |
| **Énergie procédé renouvelable** | **Energie matière renouvelable** | **Energie renouvelable totale** | **Energie non renouvelable procédé** | **Energie non renouvelable matière** | **Energie non renouvelable totale** |
| *MJ* | *MJ* | *MJ* | *MJ* | *MJ* | *MJ* | *MJ* | *MJ* |
| **Production** | Extraction | A1 | MA\_PERE\_A1 | MA\_PERM\_A1 | MA\_PERT\_A1 | MA\_PENRE\_A1 | MA\_PENRM\_A1 | MA\_PENRT\_A1 | MA\_PEE\_A1 | MA\_PEM\_A1 |
| Transport | A2 | MA\_PERE\_A2 | MA\_PERM\_A2 | MA\_PERT\_A2 | MA\_PENRE\_A2 | MA\_PENRM\_A2 | MA\_PENRT\_A2 | MA\_PEE\_A2 | MA\_PEM\_A2 |
| Fabrication | A3 | MA\_PERE\_A3 | MA\_PERM\_A3 | MA\_PERT\_A3 | MA\_PENRE\_A3 | MA\_PENRM\_A3 | MA\_PENRT\_A3 | MA\_PEE\_A3 | MA\_PEM\_A3 |
| **Sous total** | **A1-A3** | **MA\_PERE\_A1\_A3** | **MA\_PERM\_A1\_A3** | **MA\_PERT\_A1\_A3** | **MA\_PENRE\_A1\_A3** | **MA\_PENRM\_A1\_A3** | **MA\_PENRT\_A1\_A3** | **MA\_PEE\_A1\_A3** | **MA\_PEM\_A1\_A3** |
| **Mise en œuvre** | Transport | A4 | MA\_PERE\_A4 | MA\_PERM\_A4 | MA\_PERT\_A4 | MA\_PENRE\_A4 | MA\_PENRM\_A4 | MA\_PENRT\_A4 | MA\_PEE\_A4 | MA\_PEM\_A4 |
| Construction | A5 | MA\_PERE\_A5 | MA\_PERM\_A5 | MA\_PERT\_A5 | MA\_PENRE\_A5 | MA\_PENRM\_A5 | MA\_PENRT\_A5 | MA\_PEE\_A5 | MA\_PEM\_A5 |
| **Sous total** | **A4-A5** | **MA\_PERE\_A4\_A5** | **MA\_PERM\_A4\_A5** | **MA\_PERT\_A4\_A5** | **MA\_PENRE\_A4\_A5** | **MA\_PENRM\_A4\_A5** | **MA\_PENRT\_A4\_A5** | **MA\_PEE\_A4\_A5** | **MA\_PEM\_A4\_A5** |
| **Utilisation** | Utilisation | B1 | MA\_PERE\_B1 | MA\_PERM\_B1 | MA\_PERT\_B1 | MA\_PENRE\_B1 | MA\_PENRM\_B1 | MA\_PENRT\_B1 | MA\_PEE\_B1 | MA\_PEM\_B1 |
| Entretien | B2 | MA\_PERE\_B2 | MA\_PERM\_B2 | MA\_PERT\_B2 | MA\_PENRE\_B2 | MA\_PENRM\_B2 | MA\_PENRT\_B2 | MA\_PEE\_B2 | MA\_PEM\_B2 |
| Réparation | B3 | MA\_PERE\_B3 | MA\_PERM\_B3 | MA\_PERT\_B3 | MA\_PENRE\_B3 | MA\_PENRM\_B3 | MA\_PENRT\_B3 | MA\_PEE\_B3 | MA\_PEM\_B3 |
| Remplacement | B4 | MA\_PERE\_B4 | MA\_PERM\_B4 | MA\_PERT\_B4 | MA\_PENRE\_B4 | MA\_PENRM\_B4 | MA\_PENRT\_B4 | MA\_PEE\_B4 | MA\_PEM\_B4 |
| Rénovation | B5 | MA\_PERE\_B5 | MA\_PERM\_B5 | MA\_PERT\_B5 | MA\_PENRE\_B5 | MA\_PENRM\_B5 | MA\_PENRT\_B5 | MA\_PEE\_B5 | MA\_PEM\_B5 |
| Utilisation de l’énergie | B6 | MA\_PERE\_B6 | MA\_PERM\_B6 | MA\_PERT\_B6 | MA\_PENRE\_B6 | MA\_PENRM\_B6 | MA\_PENRT\_B6 | MA\_PEE\_B6 | MA\_PEM\_B6 |
| Utilisation de l’eau | B7 | MA\_PERE\_B7 | MA\_PERM\_B7 | MA\_PERT\_B7 | MA\_PENRE\_B7 | MA\_PENRM\_B7 | MA\_PENRT\_B7 | MA\_PEE\_B7 | MA\_PEM\_B7 |
| **Sous total** | **B1-B7** | **MA\_PERE\_B1\_B7** | **MA\_PERM\_B1\_B7** | **MA\_PERT\_B1\_B7** | **MA\_PENRE\_B1\_B7** | **MA\_PENRM\_B1\_B7** | **MA\_PENRT\_C1\_C4** | **MA\_PEE\_C1\_C4** | **MA\_PEM\_C1\_C4** |
| **Fin de vie** | Démantèlement | C1 | MA\_PERE\_C1 | MA\_PERM\_C1 | MA\_PERT\_C1 | MA\_PENRE\_C1 | MA\_PENRM\_C1 | MA\_PENRT\_C1 | MA\_PEE\_C1 | MA\_PEM\_C1 |
| Transport | C2 | MA\_PERE\_C2 | MA\_PERM\_C2 | MA\_PERT\_C2 | MA\_PENRE\_C2 | MA\_PENRM\_C2 | MA\_PENRT\_C2 | MA\_PEE\_C2 | MA\_PEM\_C2 |
| Trait. des déchets | C3 | MA\_PERE\_C3 | MA\_PERM\_C3 | MA\_PERT\_C3 | MA\_PENRE\_C3 | MA\_PENRM\_C3 | MA\_PENRT\_C3 | MA\_PEE\_C3 | MA\_PEM\_C3 |
| Elimination déchets | C4 | MA\_PERE\_C4 | MA\_PERM\_C4 | MA\_PERT\_C4 | MA\_PENRE\_C4 | MA\_PENRM\_C4 | MA\_PENRT\_C4 | MA\_PEE\_C4 | MA\_PEM\_C4 |
| **Sous total** | **C1-C4** | **MA\_PERE\_C1\_C4** | **MA\_PERM\_C1\_C4** | **MA\_PERT\_C1\_C4** | **MA\_PENRE\_C1\_C4** | **MA\_PENRM\_C1\_C4** | MA\_PENRT\_C4 | MA\_PEE\_C4 | MA\_PEM\_C4 |
| **Ensemble cycle de vie (hors D)** | | **WLC** | **MA\_PERE\_WLC** | **MA\_PERM\_WLC** | **MA\_PERT\_WLC** | **MA\_PENRE\_WLC** | **MA\_PENRM\_WLC** | **MA\_PENRT\_WLC** | **MA\_PEE\_WLC** | **MA\_PEM\_WLC** |
| **Bénéf. et charges au-delà des frontières du système** | | D | **MA\_PERE\_D** | **MA\_PERM\_D** | **MA\_PERT\_D** | **MA\_PENRE\_D** | **MA\_PENRM\_D** | **MA\_PENRT\_D** | **MA\_PEE\_D** | **MA\_PEM\_D** |

**Lexique**

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| Energie renouvelable | Ressources énergétiques primaires renouvelables consommées par les processus et employées en tant que matières premières. |
| Energie non renouvelable | Utilisation totale de ressources énergétiques primaires employées en tant que matières premières. |
| Énergie procédé renouvelable | Utilisation de ressources énergétiques primaires renouvelables, excluant les ressources énergétiques primaires renouvelables employées en tant que matières premières. |
| Energie matière renouvelable | Utilisation de ressources énergétiques primaires renouvelables employées en tant que matières premières. |
| Energie renouvelable totale | Utilisation totale de ressources énergétiques primaires renouvelables (énergie primaire et ressources énergétiques primaires employées en tant que matières premières. |
| Energie non renouvelable procédé | Utilisation de ressources énergétiques primaires non renouvelables, excluant les ressources énergétiques primaires non renouvelables employées en tant que matières premières. |
| Energie non renouvelable totale | Utilisation de ressources énergétiques primaires non renouvelables employées en tant que matières premières |
| Énergie procédé | Ressources énergétiques primaires consommées par les processus. |
| Energie matière | Utilisation totale de ressources énergétiques primaires non renouvelables (énergie primaire et ressources énergétiques primaires employées en tant que matières premières. |

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| **Etape du cycle de vie** | | | **Utilisation de matières premières secondaires** | **Utilisation de ressources**  **énergétiques secondaires**  **renouvelables** | **Utilisation de ressources**  **énergétiques secondaires**  **non renouvelables** | **Utilisation nette d’eau douce** | **Déchets dangereux**  **éliminés** | **Déchets non**  **dangereux éliminés** | **Déchets radioactifs** |
| *kg/UF* | *MJ/UF* | *MJ/UF* | *m3/UF* | *kg/UF* | *kg/UF* | *kg/UF* |
| **Production** | Extraction | A1 | MA\_SM\_A1 | MA\_RSF\_A1 | MA\_NRSF\_A1 | MA\_WAC\_A1 | MA\_HWD\_A1 | MA\_HWD\_A1 | MA\_HWD\_A1 |
| Transport | A2 | MA\_SM\_A2 | MA\_RSF\_A2 | MA\_NRSF\_A2 | MA\_WAC\_A2 | MA\_HWD\_A2 | MA\_NHWD\_A2 | MA\_RWD\_A2 |
| Fabrication | A3 | MA\_SM\_A3 | MA\_RSF\_A3 | MA\_NRSF\_A3 | MA\_WAC\_A3 | MA\_HWD\_A3 | MA\_NHWD\_A3 | MA\_RWD\_A3 |
| **Sous total** | **A1-A3** | **MA\_SM\_A1\_A3** | **MA\_RSF\_A1\_A3** | **MA\_NRSF\_A1\_A3** | **MA\_WAC\_A1\_A3** | **MA\_HWD\_A1\_A3** | **MA\_NHWD\_A1\_A3** | **MA\_RWD\_A1\_A3** |
| **Mise en œuvre** | Transport | A4 | MA\_SM\_A4 | MA\_RSF\_A4 | MA\_NRSF\_A4 | MA\_WAC\_A4 | MA\_HWD\_A4 | MA\_NHWD\_A4 | MA\_RWD\_A4 |
| Construction | A5 | MA\_SM\_A5 | MA\_RSF\_A5 | MA\_NRSF\_A5 | MA\_WAC\_A5 | MA\_HWD\_A5 | MA\_NHWD\_A5 | MA\_RWD\_A5 |
| **Sous total** | **A4-A5** | **MA\_SM\_A4\_A5** | **MA\_RSF\_A4\_A5** | **MA\_NRSF\_A4\_A5** | **MA\_WAC\_A4\_A5** | **MA\_HWD\_A4\_A5** | **MA\_NHWD\_A4\_A5** | **MA\_RWD\_A4\_A5** |
| **Usage** | Utilisation | B1 | MA\_SM\_B1 | MA\_RSF\_B1 | MA\_NRSF\_B1 | MA\_WAC\_B1 | MA\_HWD\_B1 | MA\_NHWD\_B1 | MA\_RWD\_B1 |
| Entretien | B2 | MA\_SM\_B2 | MA\_RSF\_B2 | MA\_NRSF\_B2 | MA\_WAC\_B2 | MA\_HWD\_B2 | MA\_NHWD\_B2 | MA\_RWD\_B2 |
| Réparation | B3 | MA\_SM\_B3 | MA\_RSF\_B3 | MA\_NRSF\_B3 | MA\_WAC\_B3 | MA\_HWD\_B3 | MA\_NHWD\_B3 | MA\_RWD\_B3 |
| Remplacement | B4 | MA\_SM\_B4 | MA\_RSF\_B4 | MA\_NRSF\_B4 | MA\_WAC\_B4 | MA\_HWD\_B4 | MA\_NHWD\_B4 | MA\_RWD\_B4 |
| Rénovation | B5 | MA\_SM\_B5 | MA\_RSF\_B5 | MA\_NRSF\_B5 | MA\_WAC\_B5 | MA\_HWD\_B5 | MA\_NHWD\_B5 | MA\_RWD\_B5 |
| Utilisation de l’énergie | B6 | MA\_SM\_B6 | MA\_RSF\_B6 | MA\_NRSF\_B6 | MA\_WAC\_B6 | MA\_HWD\_B6 | MA\_NHWD\_B6 | MA\_RWD\_B6 |
| Utilisation de l’eau | B7 | MA\_SM\_B7 | MA\_RSF\_B7 | MA\_NRSF\_B7 | MA\_WAC\_B7 | MA\_HWD\_B7 | MA\_NHWD\_B7 | MA\_RWD\_B7 |
| **Sous total** | **B1-B7** | **MA\_SM\_B1\_B7** | **MA\_RSF\_B1\_B7** | **MA\_NRSF\_B1\_B7** | **MA\_WAC\_B1\_B7** | **MA\_HWD\_B1\_B7** | **MA\_NHWD\_B1\_B7** | **MA\_RWD\_B1\_B7** |
| **Fin de vie** | Démantèlement | C1 | MA\_SM\_C1 | MA\_RSF\_C1 | MA\_NRSF\_C1 | MA\_WAC\_C1 | MA\_HWD\_C1 | MA\_NHWD\_C1 | MA\_RWD\_C1 |
| Transport | C2 | MA\_SM\_C2 | MA\_RSF\_C2 | MA\_NRSF\_C2 | MA\_WAC\_C2 | MA\_HWD\_C2 | MA\_NHWD\_C2 | MA\_RWD\_C2 |
| Trait. des déchets | C3 | MA\_SM\_C3 | MA\_RSF\_C3 | MA\_NRSF\_C3 | MA\_WAC\_C3 | MA\_HWD\_C3 | MA\_NHWD\_C3 | MA\_RWD\_C3 |
| Elimination déchets | C4 | MA\_SM\_C4 | MA\_RSF\_C4 | MA\_NRSF\_C4 | MA\_WAC\_C4 | MA\_HWD\_C4 | MA\_NHWD\_C4 | MA\_RWD\_C4 |
| **Ensemble** | **C1-B4** | **MA\_SM\_C1\_C4** | **MA\_RSF\_C1\_C4** | **MA\_NRSF\_C1\_C4** | **MA\_WAC\_C1\_C4** | **MA\_HWD\_C1\_C4** | **MA\_NHWD\_C1\_C4** | **MA\_RWD\_C1\_C4** |
| **Ensemble cycle de vie (hors D)** | | **WLC** | **MA\_SM\_WLC** | **MA\_RSF\_WLC** | **MA\_NRSF\_WLC** | **MA\_WAC\_WLC** | **MA\_HWD\_WLC** | **MA\_NHWD\_WLC** | **MA\_RWD\_WLC** |
| **Bénéfices et charges au-delà des frontières du système** | | **D** | **MA\_SM\_D** | **MA\_RSF\_D** | **MA\_NRSF\_D** | **MA\_WAC\_D** | **MA\_HWD\_D** | **MA\_NHWD\_D** | **MA\_RWD\_D** |