

| ID |  | Task Mode | Outline Numb | Nom de la tâche  | Predecessors   | Duration   | Resource Names                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
|----|--|-----------|--------------|--|----------------|------------|----------------------------------|-------------|---|---|---|---|---|---|-------------|---|---|---|---|---|---|------------|---|---|---|---|---|---|-------|---|---|---|---|---|---|
|    |  |           |              |  |                |            |                                  | Aug 19, '24 |   |   |   |   |   |   | Aug 26, '24 |   |   |   |   |   |   | Sep 2, '24 |   |   |   |   |   |   | Sep 9 |   |   |   |   |   |   |
|    |  |           |              |  |                |            |                                  | S           | M | T | W | T | F | S | S           | M | T | W | T | F | S | S          | M | T | W | T | F | S | S     | M | T | W | T | F | S |
| 1  |  |           | 1            | Phase 00 : Etude et Chiffrage  |                | 20 days    |                                  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 2  |  |           | 1.1          | Lancement du projet  |                | 1 day      |                                  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 3  |  |           | 1.1.1        | Demande de faisabilité   |                | 1 day?     | Commercial                       |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 4  |  |           | 1.1.2        | Réception des données d'entrée client                                      |                | 1 day?     | Commercial                       |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 5  |  |           | 1.1.3        | Nomination de l'équipe de projet   |                | 1 day?     | Comité                           |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 6  |  |           | 1.1.4        | Préparation de la matrice de communication projet ( CAVEO/Client)          |                | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 7  |  |           | 1.2          | Validation des données d'entrée client                                     |                | 5 days     |                                  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 8  |  |           | 1.2.1        | Collecter et résumer la liste des exigences client implicite et explicite  | 4              | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 9  |  |           | 1.2.2        | Revue en équipe projet de la liste des exigences                           | 8              | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 10 |  |           | 1.2.3        | Préparer la liste des "open issues"  | 9              | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 11 |  |           | 1.2.4        | Vérifier et clôturer les "open issues" avec le client                      | 10             | 1 day?     | Chef de Projet,Commercial        |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 12 |  |           | 1.2.5        | Finaliser la liste des exigences implicites et explicites client           | 11             | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 13 |  |           | 1.3          | Etude préliminaire du projet   | 7              | 6.5 days   |                                  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 14 |  |           | 1.3.1        | Etude technique préliminaire   |                | 4 days     |                                  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 15 |  |           | 1.3.1.1      | Ressort  |                | 4 days     |                                  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 16 |  |           | 1.3.1.1.1    | Réalisation de l'analyse analytique ( inclus les longueurs brutes d'acier) |                | 1 day?     | Ingénieur R&D                    |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 17 |  |           | 1.3.1.1.2    | Réalisation du 3D produit  | 16             | 1 day?     | Technical Designer               |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 18 |  |           | 1.3.1.1.3    | Réalisation du calcul FEM  | 17             | 1 day?     | Ingénieur R&D                    |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 19 |  |           | 1.3.1.1.4    | Préparation et Partage du rapport R&D                                      | 18             | 1 day?     | Ingénieur R&D                    |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 20 |  |           | 1.3.1.2      | Barre Stabilisatrice   |                | 3.5 days   |                                  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 21 |  |           | 1.3.1.2.1    | Réalisation du 3D produit  |                | 1 day?     | Technical Designer               |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 22 |  |           | 1.3.1.2.2    | Détermination préliminaire de la longueur Brute                            | 21             | 1 day?     | Ingénieur R&D                    |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 23 |  |           | 1.3.1.2.3    | Réalisation du calcul FEM  | 22             | 1 day?     | Ingénieur R&D                    |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 24 |  |           | 1.3.1.2.4    | Préparation et Partage du rapport R&D                                      | 23             | 1 day?     | Ingénieur R&D                    |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 25 |  |           | 1.3.2        | Définition nomenclature préliminaire                                       |                | 1 day?     | Ingénieur costing                |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 26 |  |           | 1.3.3        | Définition flow chart préliminaire   |                | 1 day?     | Ingénieur Process                |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 27 |  |           | 1.3.4        | Préparation de la gamme par poste de charge                                | 26             | 1 day?     | Ingénieur Process                |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 28 |  |           | 1.3.5        | Création et implémentation nomenclature sur ERP                            | 25             | 1 day?     | Ingénieur costing                |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 29 |  |           | 1.3.6        | Implémentation gamme et synoptiques sur ERP                                | 27             | 1 day?     | Ingénieur costing                |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 30 |  |           | 1.3.7        | Vérification capacité des postes de charge prévu                           | 29             | 1 day?     | Ingénieur costing                |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 31 |  |           | 1.3.8        | Définition des investissements préliminaire                                | 30;26          | 1 day?     | Ingénieur Process                |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 32 |  |           | 1.3.9        | Préparation des plans des accessoires                                      | 25             | 1 day?     | Ingénieur R&D,Technical Designer |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 33 |  |           | 1.3.10       | Préparation des cahiers de charge fournisseurs                             | 32;31          | 1 day?     | Ingénieur R&D                    |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 34 |  |           | 1.3.11       | Communication des cahiers de charge aux fournisseurs potentiels            | 33             | 1 day?     | Acheteur                         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 35 |  |           | 1.3.12       | Revue et clôture de l'ensemble des documents de l'étude préliminaire       |                | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 36 |  |           | 1.4          | Evaluation des risques de faisabilité                                      | 13             | 3.75 days  |                                  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 37 |  |           | 1.4.1        | Etablir l'étude de risque de faisabilité ( en groupe)                      |                | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 38 |  |           | 1.4.2        | Etablir le plan d'action par rapport au risques de faisabilité             | 37             | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 39 |  |           | 1.4.3        | Prise de décision par rapport au faisabilité et signature document         | 38             | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 40 |  |           | 1.5          | Chiffrage du projet et Sourcing package                                    | 36             | 6 days     |                                  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 41 |  |           | 1.5.1        | Estimation des prix investissement   |                | 1 day?     | Acheteur,Ingénieur Process       |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 42 |  |           | 1.5.2        | Estimation cout outillage préliminaire                                     |                | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 43 |  |           | 1.5.3        | Réception offre de prix accessoires  |                | 1 day?     | Acheteur                         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 44 |  |           | 1.5.4        | Réception cout acier   |                | 1 day?     | Approvisionneur                  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 45 |  |           | 1.5.5        | Chiffrage de détails logistique  |                | 0.75 days? | Logistique Client                |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 46 |  |           | 1.5.6        | Fixer le prix de revient   | 45;44;43;42;41 | 1 day?     | Ingénieur costing                |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 47 |  |           | 1.5.7        | Préparation et validation du dossier de réponse                            | 46;11          | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 48 |  |           | 1.5.8        | Communication du dossier de réponse au service commerciale                 | 47             | 1 day?     | Chef de Projet                   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |
| 49 |  |           | 1.5.9        | Communication de l'offre de prix au client                                 | 48             | 1 day?     | Commercial                       |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |   |   |   |   |

Project: Planning Phase 00-1

Date: 8/10/2025 12:11 PM

Task

External Milestone

Summary Rollup

Split

Inactive Task

Manual Summary

Milestone

Inactive Milestone

Start-only

Summary

Inactive Summary

Finish-only

Project Summary

Manual Task

Progress

External Tasks

Duration-only

Deadline





| ID  |  | Task Mode | Outline Numb | Nom de la tâche | Predecessors                              | Duration | Resource Names |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
|-----|--|-----------|--------------|-----------------|---|----------|----------------|-------------|---|---|---|---|---|---|-------------|---|---|---|---|---|---|------------|---|---|---|---|---|---|-------|---|---|
|     |  |           |              |                 |   |          |                | Aug 19, '24 |   |   |   |   |   |   | Aug 26, '24 |   |   |   |   |   |   | Sep 2, '24 |   |   |   |   |   |   | Sep 9 |   |   |
|     |  |           |              |                 |   |          |                | S           | M | T | W | T | F | S | S           | M | T | W | T | F | S | S          | M | T | W | T | F | S | S     | M | T |
| 143 |  |           |              | <b>3.1.4.4</b>  | <b>Outillage de rognage</b>               |          | <b>7 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 144 |  |           |              | 3.1.4.4.1       | Lancement de la commande                  |          | 3 days?        |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 145 |  |           |              | 3.1.4.4.2       | Réalisation chez fournisseur              | 144      | <b>3 days?</b> |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 146 |  |           |              | 3.1.4.4.3       | Réception chez Caveo                      | 145      | 1 day?         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 147 |  |           |              | <b>3.1.4.5</b>  | <b>Outillage d'usinage</b>                |          | <b>7 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 148 |  |           |              | 3.1.4.5.1       | Lancement de la commande                  |          | 3 days?        |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 149 |  |           |              | 3.1.4.5.2       | Réalisation chez fournisseur              | 148      | <b>3 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 150 |  |           |              | 3.1.4.5.3       | Réception chez Caveo                      | 149      | 1 day?         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 151 |  |           |              | <b>3.1.4.6</b>  | <b>Outillage traitement thermique</b>     |          | <b>7 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 152 |  |           |              | 3.1.4.6.1       | Lancement de la commande                  |          | 3 days?        |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 153 |  |           |              | 3.1.4.6.2       | Réalisation chez fournisseur              | 152      | <b>3 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 154 |  |           |              | 3.1.4.6.3       | Réception chez Caveo                      | 153      | 1 day?         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 155 |  |           |              | <b>3.1.4.7</b>  | <b>Outillage montage accessoires</b>      |          | <b>7 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 156 |  |           |              | 3.1.4.7.1       | Lancement de la commande                  |          | 3 days?        |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 157 |  |           |              | 3.1.4.7.2       | Réalisation chez fournisseur              | 156      | <b>3 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 158 |  |           |              | 3.1.4.7.3       | Réception chez Caveo                      | 157      | 1 day?         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 159 |  |           |              | <b>3.1.4.8</b>  | <b>Outillage de traitement de surface</b> |          | <b>5 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 160 |  |           |              | 3.1.4.8.1       | Lancement de la commande                  |          | <b>3 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 161 |  |           |              | 3.1.4.8.2       | Réalisation chez fournisseur              | 160      | 1 day?         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 162 |  |           |              | 3.1.4.8.3       | Réception chez Caveo                      | 161      | <b>1 day</b>   |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 163 |  |           |              | <b>3.1.5</b>    | <b>Outillage de contrôle et ECME</b>      |          | <b>5 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 164 |  |           |              | <b>3.1.5.1</b>  | <b>Tampon Go/ No-Go</b>                   |          | <b>5 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 165 |  |           |              | 3.1.5.1.1       | Lancement de la commande                  |          | 3 days?        |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 166 |  |           |              | 3.1.5.1.2       | Réalisation chez fournisseur              | 165      | 1 day?         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 167 |  |           |              | 3.1.5.1.3       | Réception chez Caveo                      | 166      | 1 day?         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 168 |  |           |              | <b>3.1.5.2</b>  | <b>Calibre</b>                            |          | <b>5 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 169 |  |           |              | 3.1.5.2.1       | Lancement de la commande                  |          | 1 day?         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 170 |  |           |              | 3.1.5.2.2       | Réalisation chez fournisseur              | 169      | 1 day?         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 171 |  |           |              | 3.1.5.2.3       | Réception chez Caveo                      | 170      | 3 days?        |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 172 |  |           |              | <b>3.1.5.3</b>  | <b>Outillage de fatigue</b>               |          | <b>4 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 173 |  |           |              | 3.1.5.3.1       | Lancement de la commande                  |          | 1 day?         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 174 |  |           |              | 3.1.5.3.2       | Réalisation chez fournisseur via planning | 173      | 1 day?         |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 175 |  |           |              | 3.1.5.3.3       | Réception chez Caveo                      | 124      | 3 days?        |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |
| 176 |  |           |              | <b>3.1.6</b>    | <b>Barre stabilisatrice</b>               |          | <b>7 days</b>  |             |   |   |   |   |   |   |             |   |   |   |   |   |   |            |   |   |   |   |   |   |       |   |   |

Project: Planning Phase 00-1  
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Task

External Milestone

Summary Rollup

Inactive Task

Manual Summary

Inactive Milestone

Start-only

Inactive Summary

Finish-only

Manual Task

Progress

Duration-only

Deadline



