

# OPTIMIZATION IN FAST CHARGE PROCESS ⚡

1. MIN PULSANCE HEAT & MAX SOC. (MULTISTAGE CC)
2. COST OF CHARGING PROCESS WITH GREEN ENERGIES. → NETWORK
3. PLACE TO IMPLEMENT FAST CHARGE STATIONS. → NETWORK
4. DYNAMIC PROGRAMMING → MIN LOSSES. → I PROFILE MULTISTAGE.
5. COST OF CHARGING WITH GREEN ENERGIES. → NETWORK
6. CHARGING SCHEDULE WITH COST & TEMP CONSIDER. (ON BOARD)
7. CHARGING STATION USAGE, WHICH ONE ... WHEN?
8. CHARGING STATION PLACEMENT OPTIMIZATION

AXIS:

MIN DEGRADATION

1. 4.

OPT FAST CHARGE UTILISATEUR

FAST CHARGE STATIONS.  
NETWORK INTEGRATION  
- COST  
- PLACEMENT

2. 3. 5. 8.

OPT FAST CHARGE GRILLE

ON BOARD CHARGING SCHEDULE

6. 7.

DEVICES SIZING.  
- COST.

BATTERY.  
CHARGER  
COMPONENTS.

...

GESTION ENERGIE GRID

CARGA BIDIRECCIONALE

V2X  
V2V

BERKELEY

PROGETTO ITALIA  
FIAT MGEPS

V2 GRID.

FORMATION:

(AGILE/MANAG PROJET)  
METHODE.

\* MANAGER UNE EQUIPE - LES 3  
TERRITOIRES DE MANAGEMENT.

!!!  
... \* ANIMER ET CORDONNER AVEC SUCCES  
UNE EQUIPE TECHNIQUE.

\* CONQUERIR MANAGEMENT ET  
EXPERTISE.

- AMELIORER SES INTERVENTIONS  
ORALES

IDÉE:

IDÉE

AXE → PRODUIT  
→ PRODUIT

PRODUIT → AXE.  
SOLUTION  
CONCRETE

FORMAT GONOGO ???

COMME NAUVEDO?

2 SLIDES.

4. - INFO 2 WP.  
- PROBL. CRONO  
- CLIENT.

### 3-4 SLIDES.

DESCR.

SUJET

TEMPS

GO NO GO.

MATERIEL. ... LUNDI

PLACE + COULEUR BLOCK 2 → 3.

RETR

3 CARIA X ... SLIDE COMMUNIQUE TOUT

HMI → INTERFASAGE.

TOURNE 3 EN 2 ...

MANTENIR FICHAGE PRINCIPALE.

... NEW SUJET → INTERET.

MILESTON.

6-9 MOINS.

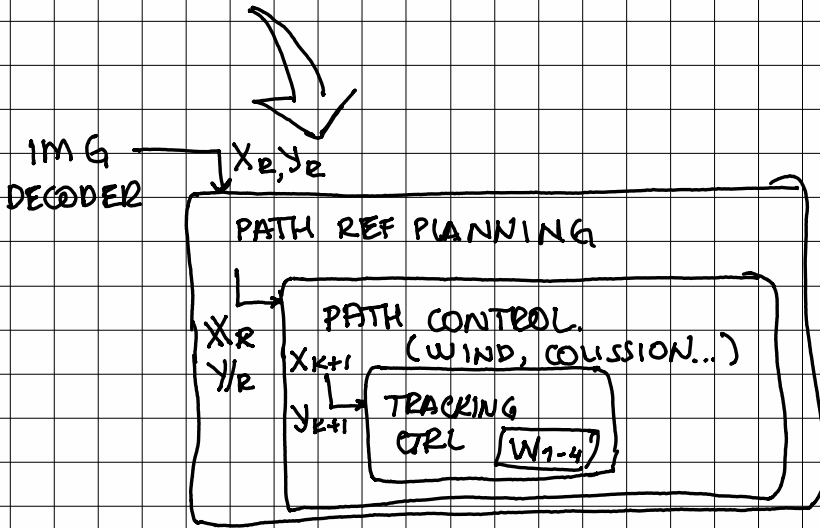
PLANNING PROJET  $\rightarrow$  LIABLE

CLIENT.

DEVELOPPER

PUISSANCE  
OPTIMIZATION

FIREWORKS.



MIX  
BOTH.

$$58.8 \text{ A} \cdot 2 = 117.6 \text{ Ah} \quad 23.3 \text{ Ah}$$

$\searrow \quad \nearrow$   
5.8h

$$59.2 \text{ A} \cdot 16 \text{ s} = 24.5 \text{ Ah} \quad (3.5 \text{ Ah})$$

28Ah  $\rightarrow$  CHARGEUR  
60Ah  $\rightarrow$

