

*Système étudié*

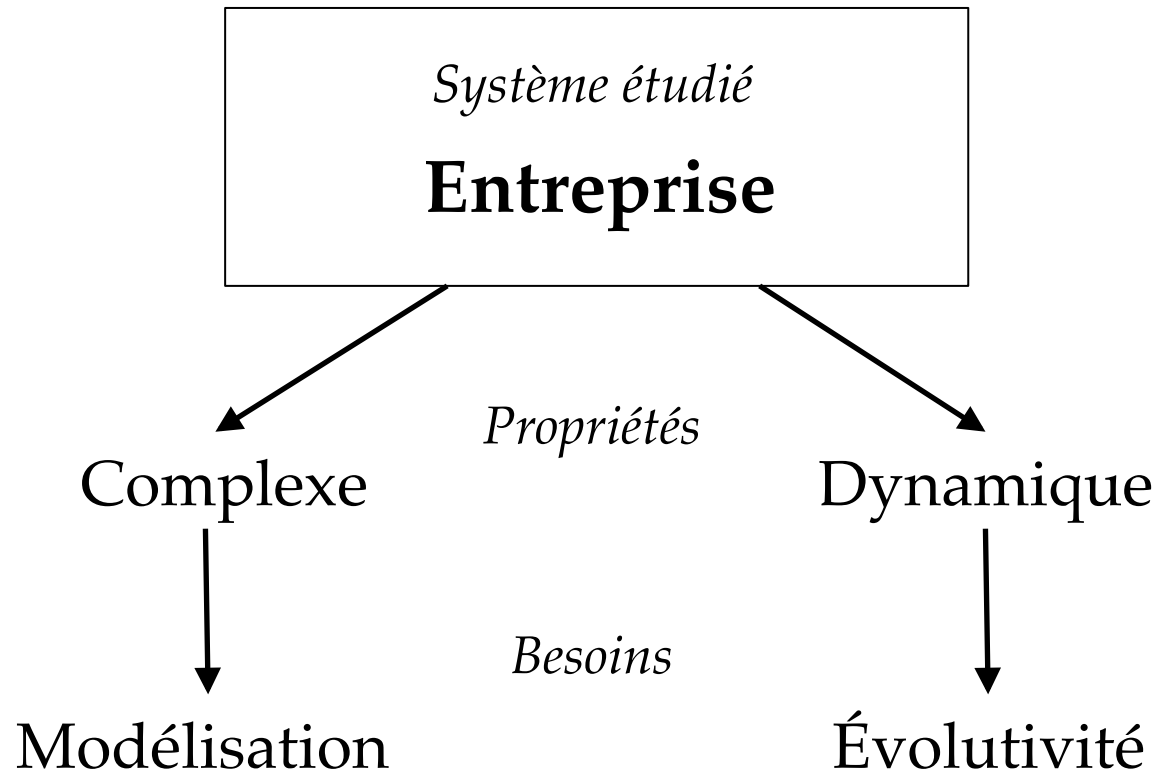
**Entreprise**

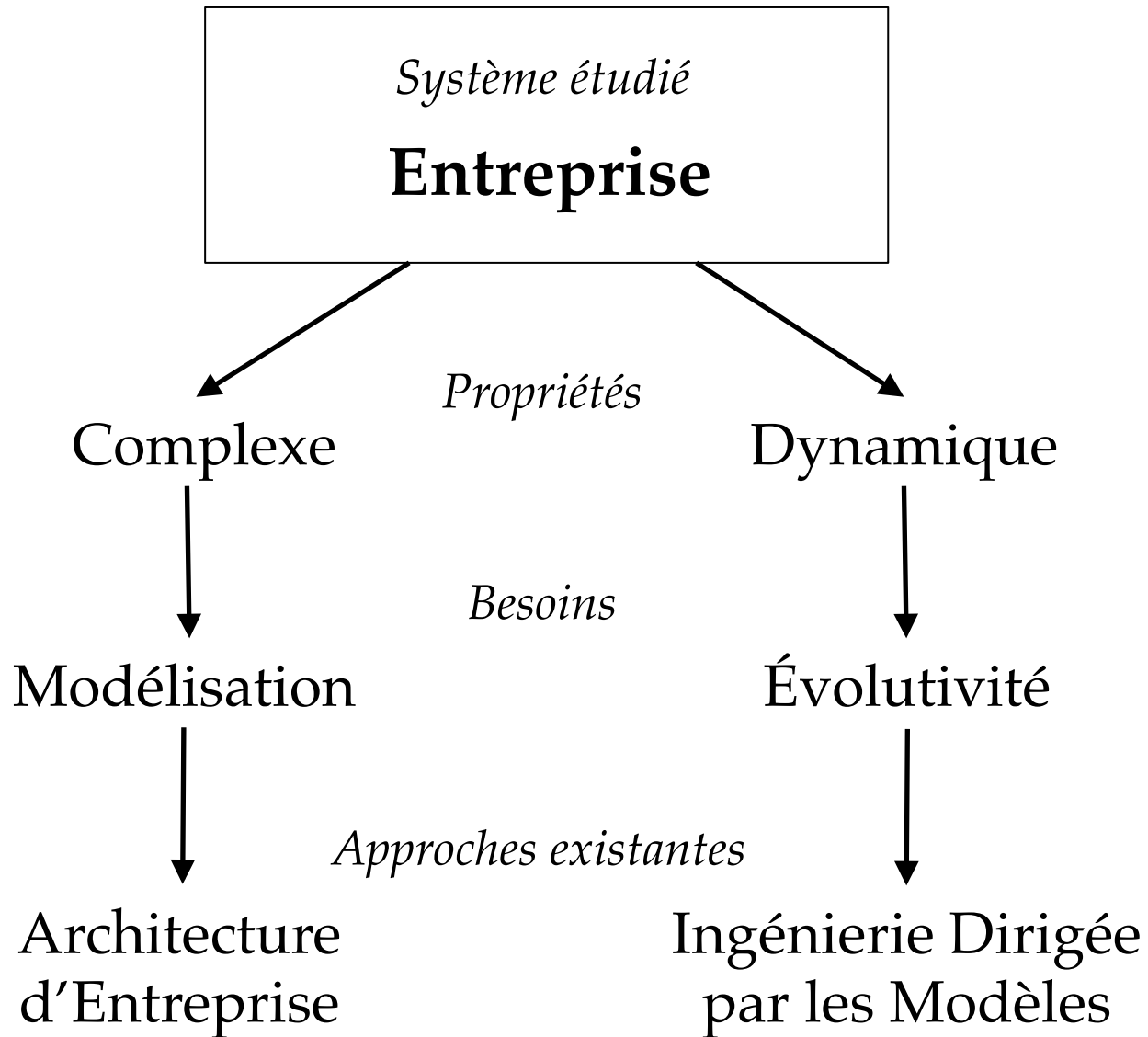
Complexe

*Propriétés*

Dynamique



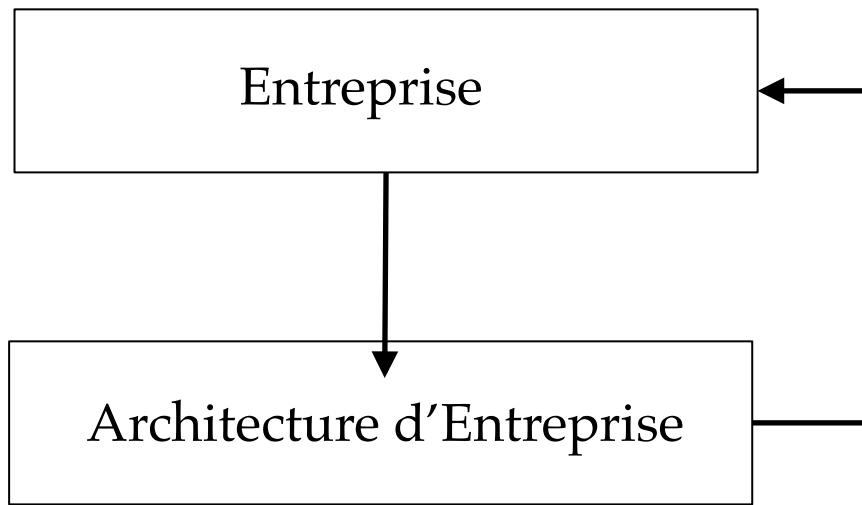


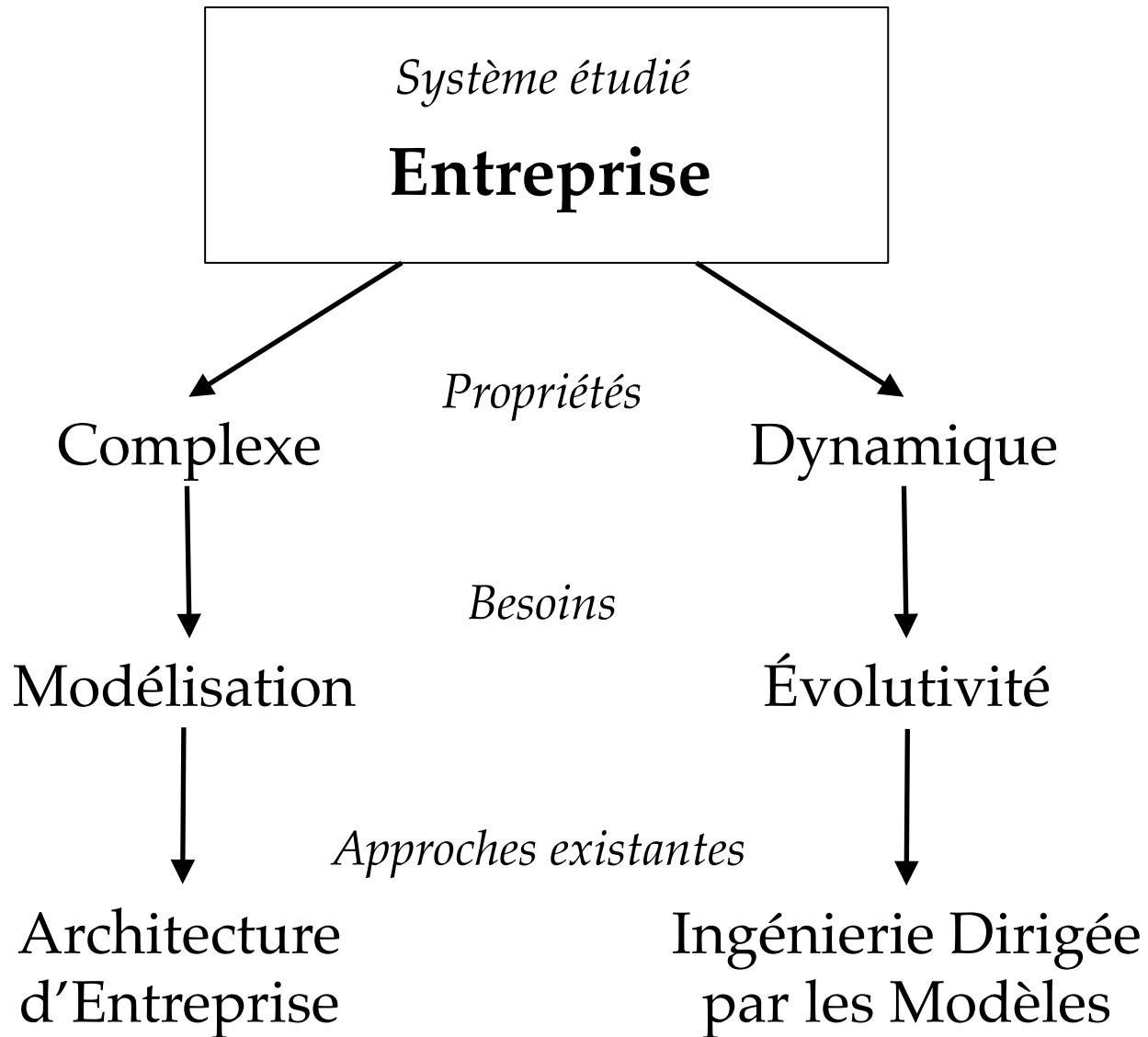


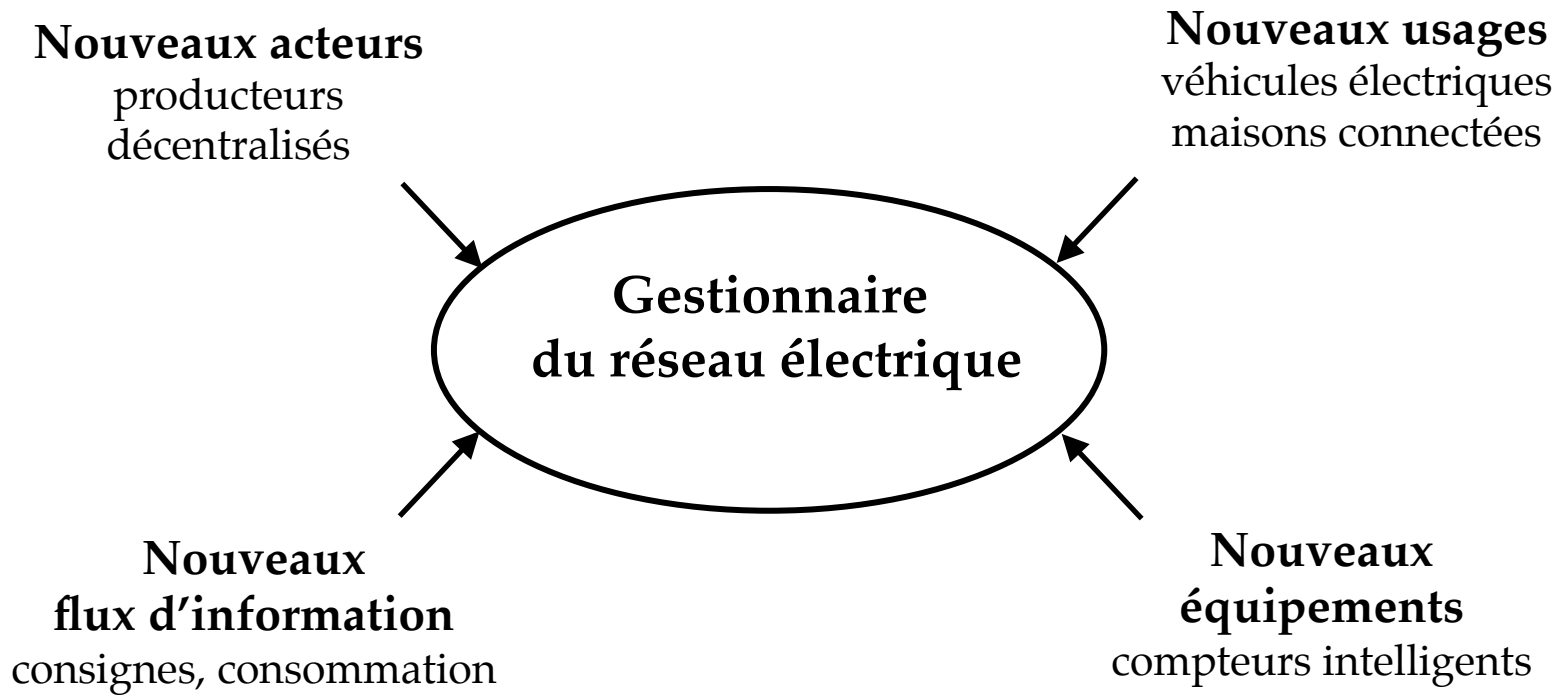
*Système étudié*

**Entreprise**









## **Nouveaux acteurs**

producteurs  
décentralisés

## **Nouveaux usages**

véhicules électriques  
maisons connectées

## **Nouveaux**

### **flux d'information**

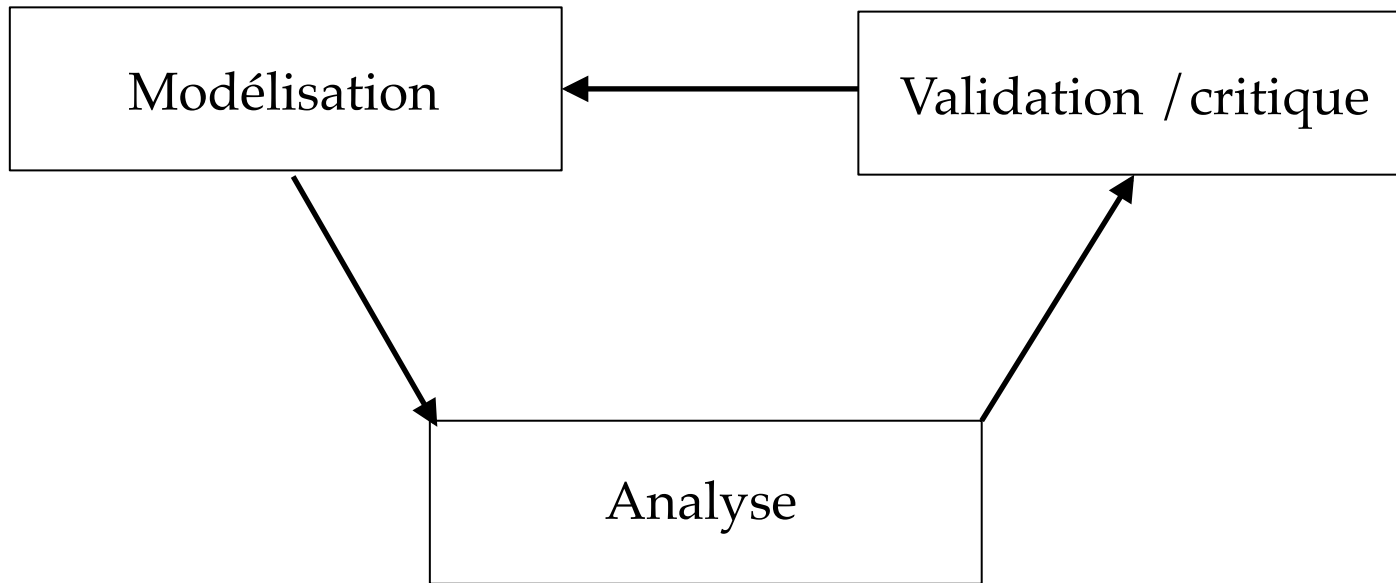
consignes, consommation

## **Nouveaux**

### **équipements**

compteurs intelligents





Entreprise

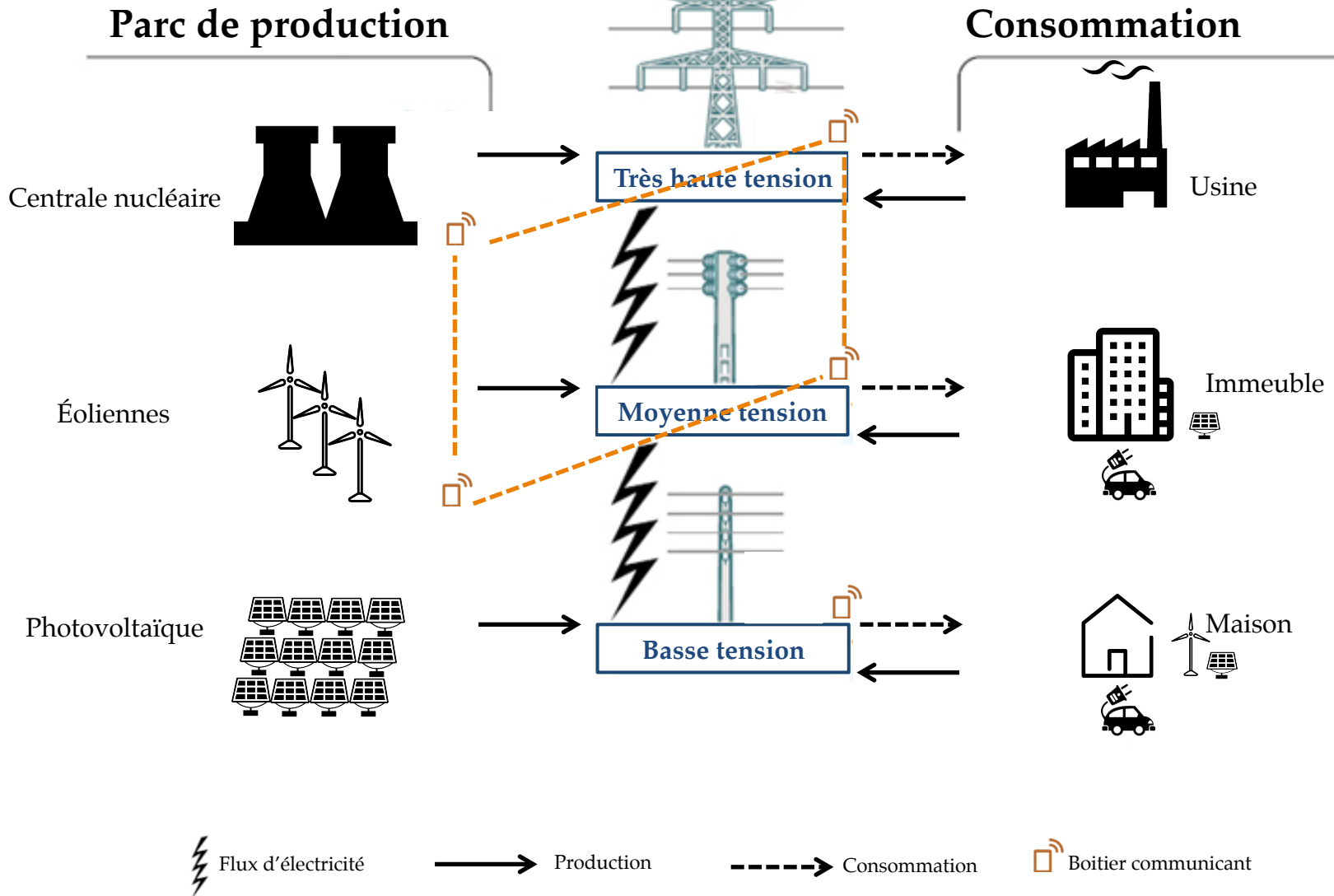


Architecture d'Entreprise

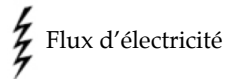
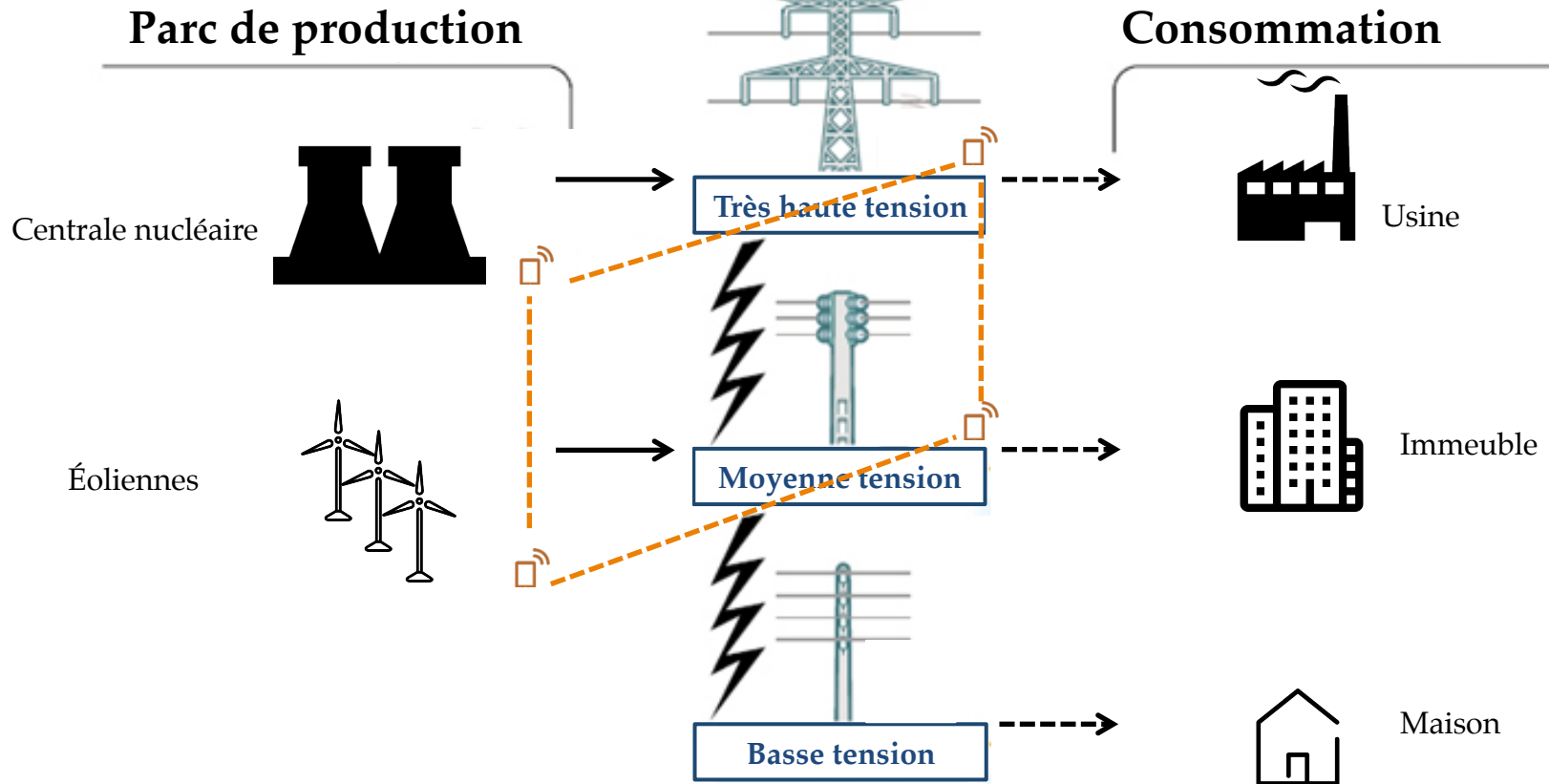


Analyse d'une  
Architecture d'Entreprise

# Transport et distribution



# Transport et distribution



Flux d'électricité



Production

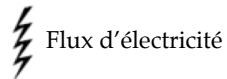
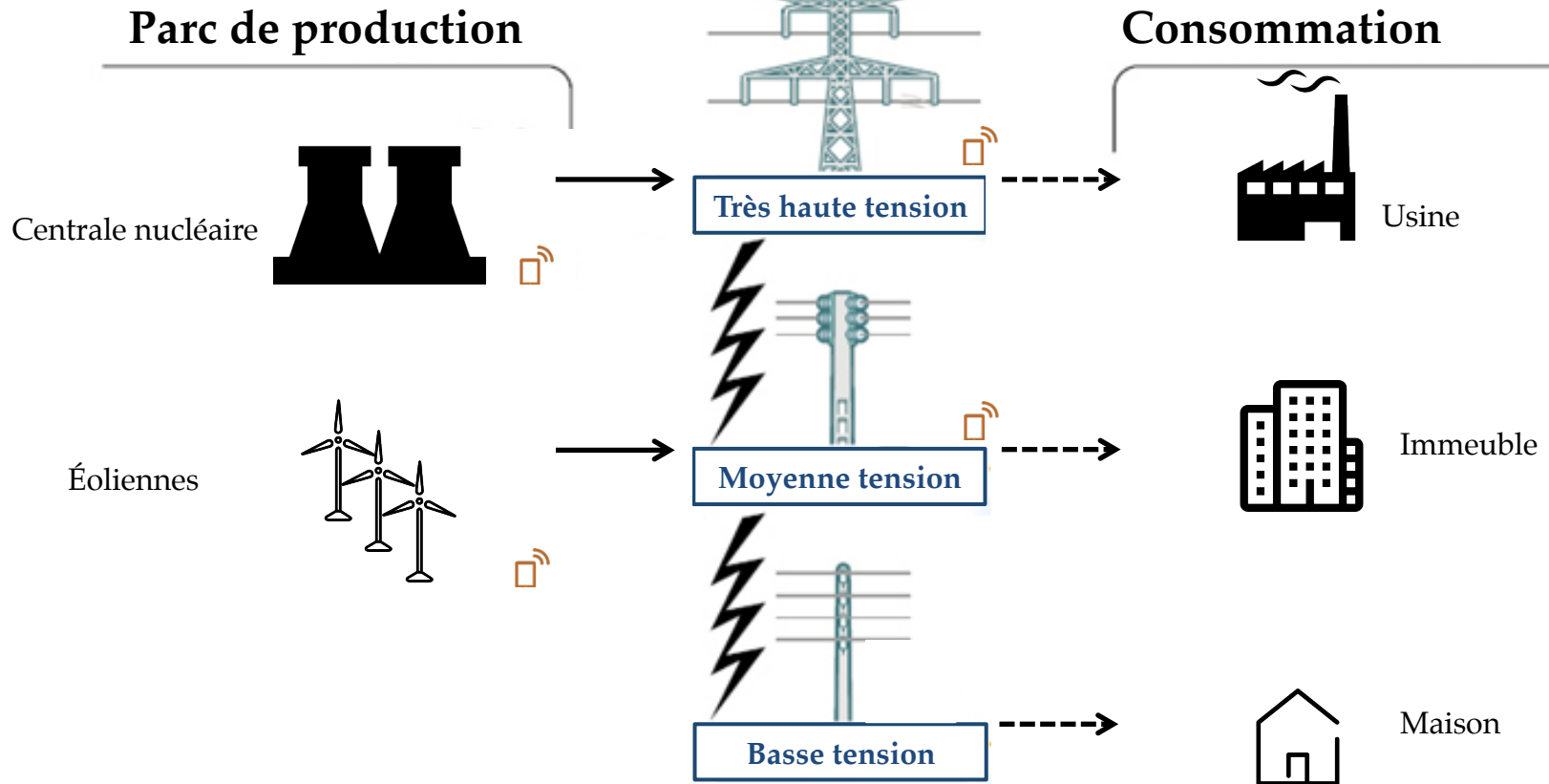


Consommation



Boitier communicant

# Transport et distribution



Flux d'électricité



Production

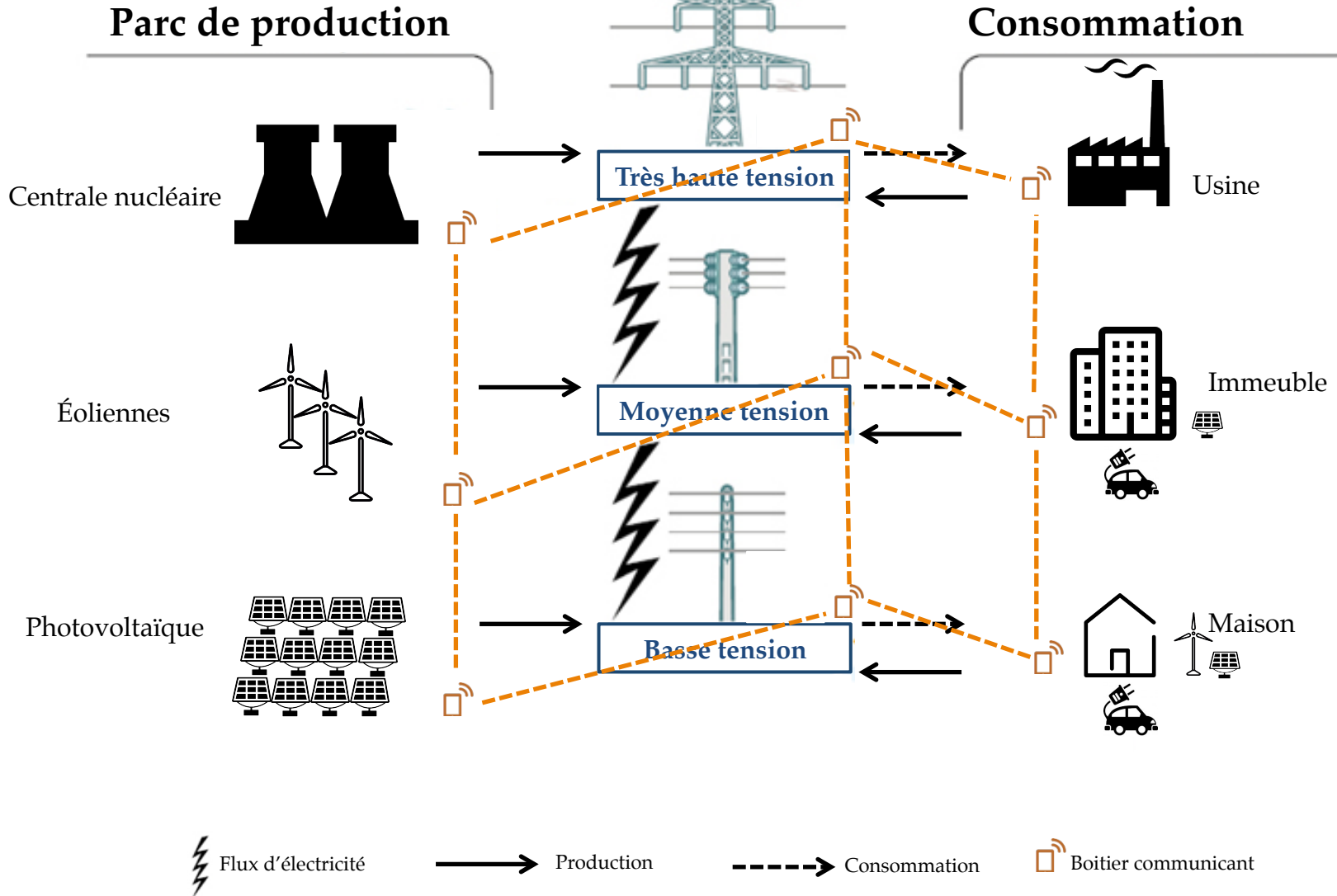


Consommation

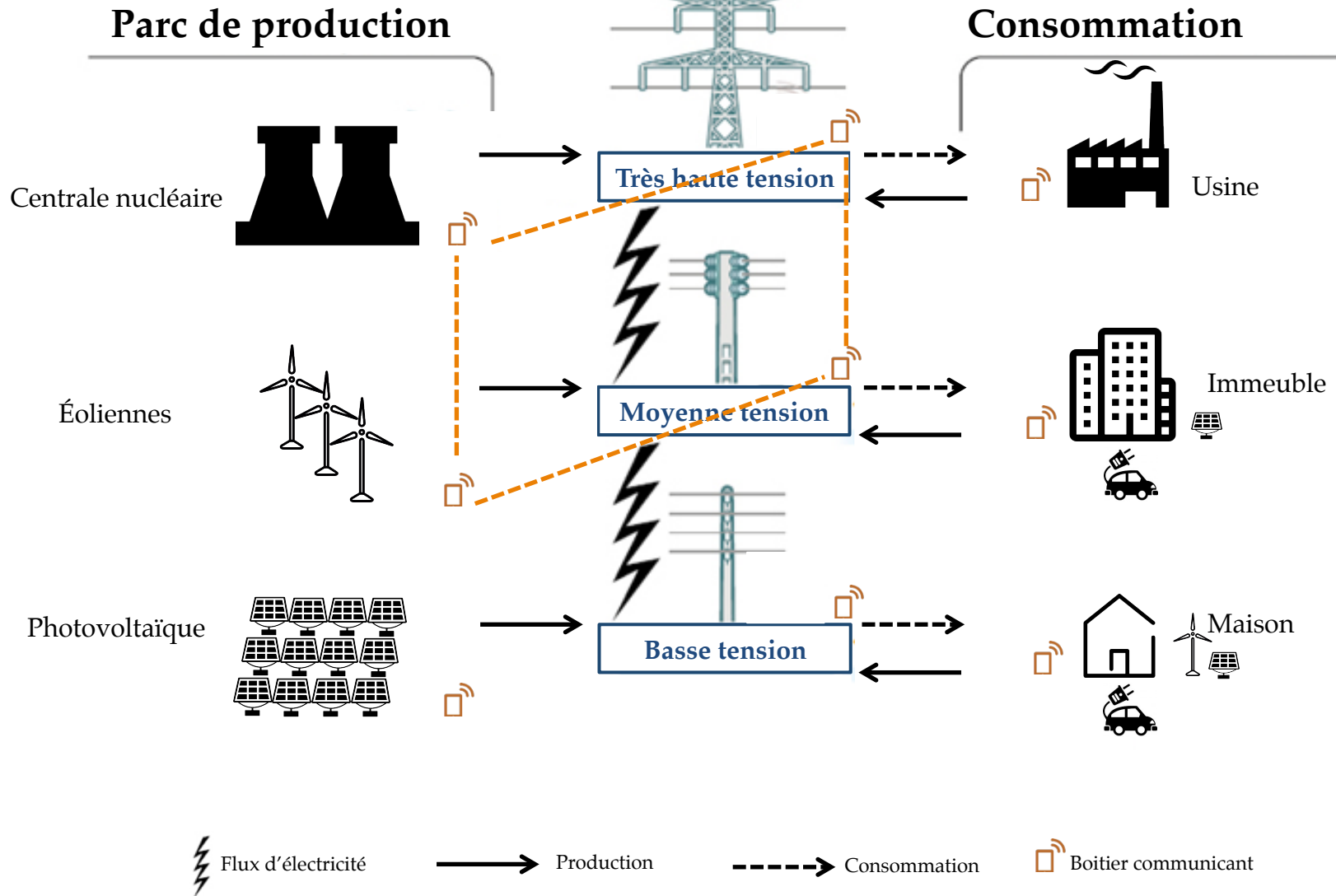


Boitier communicant

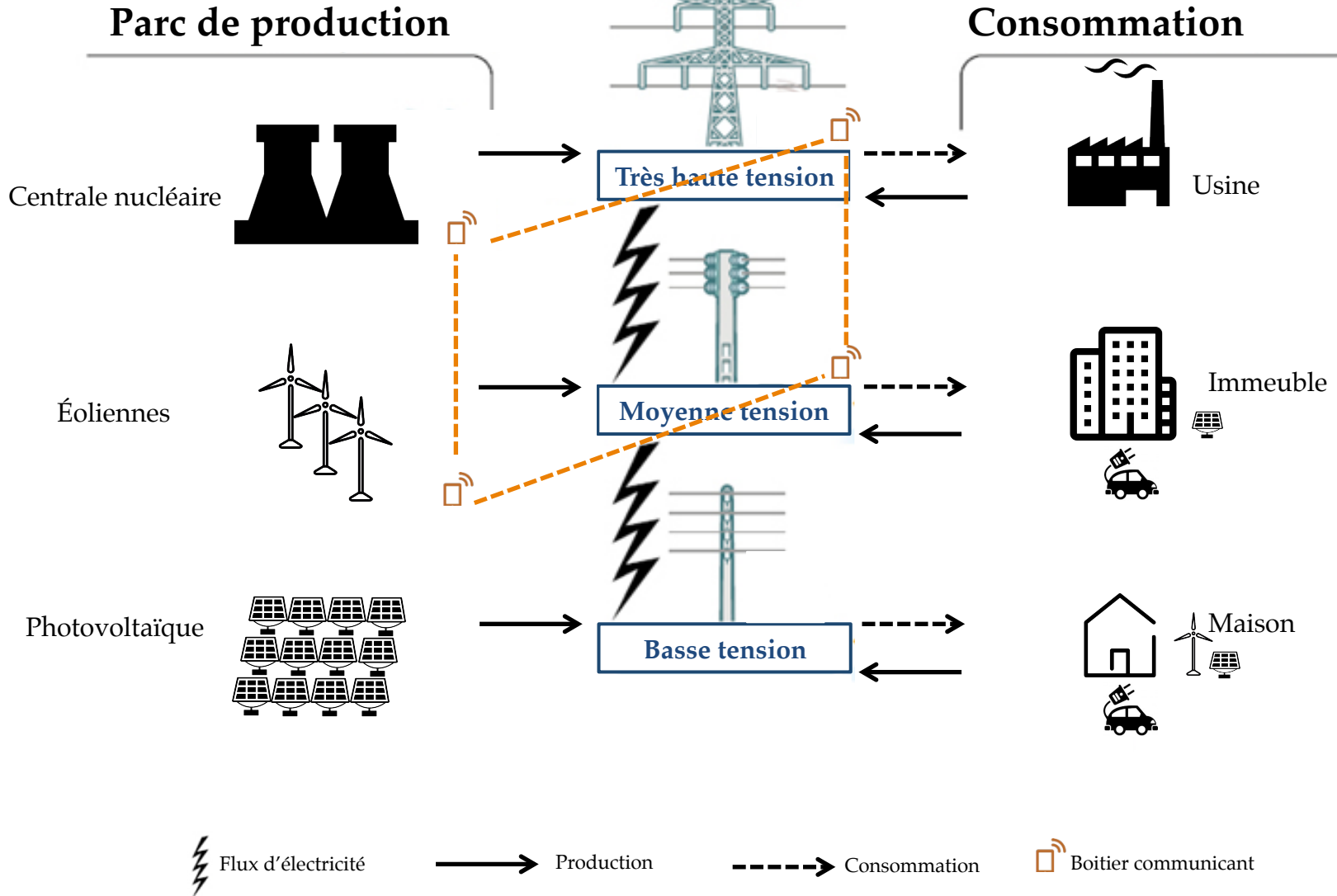
# Transport et distribution



# Transport et distribution

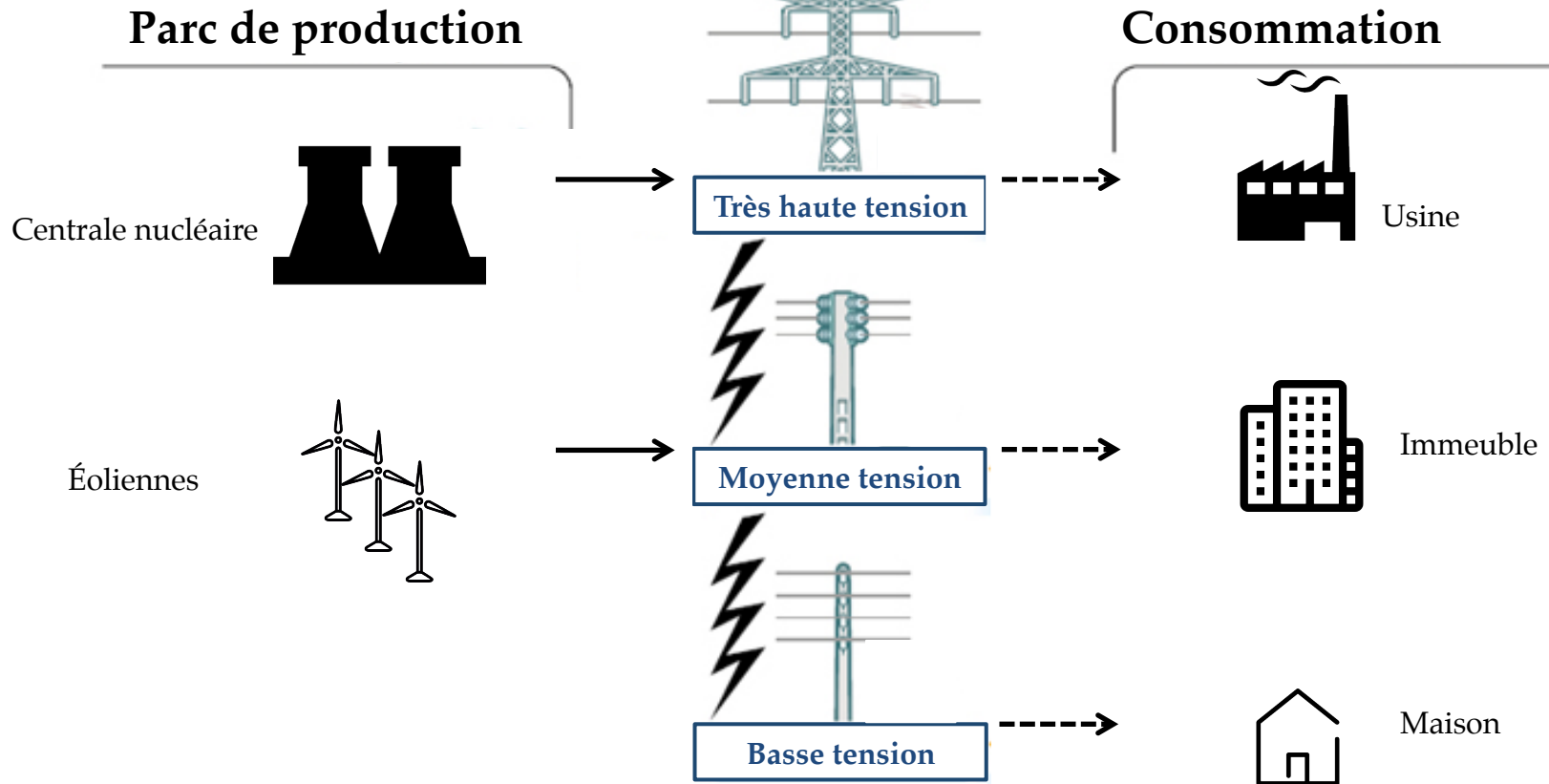



# Transport et distribution





# Transport et distribution

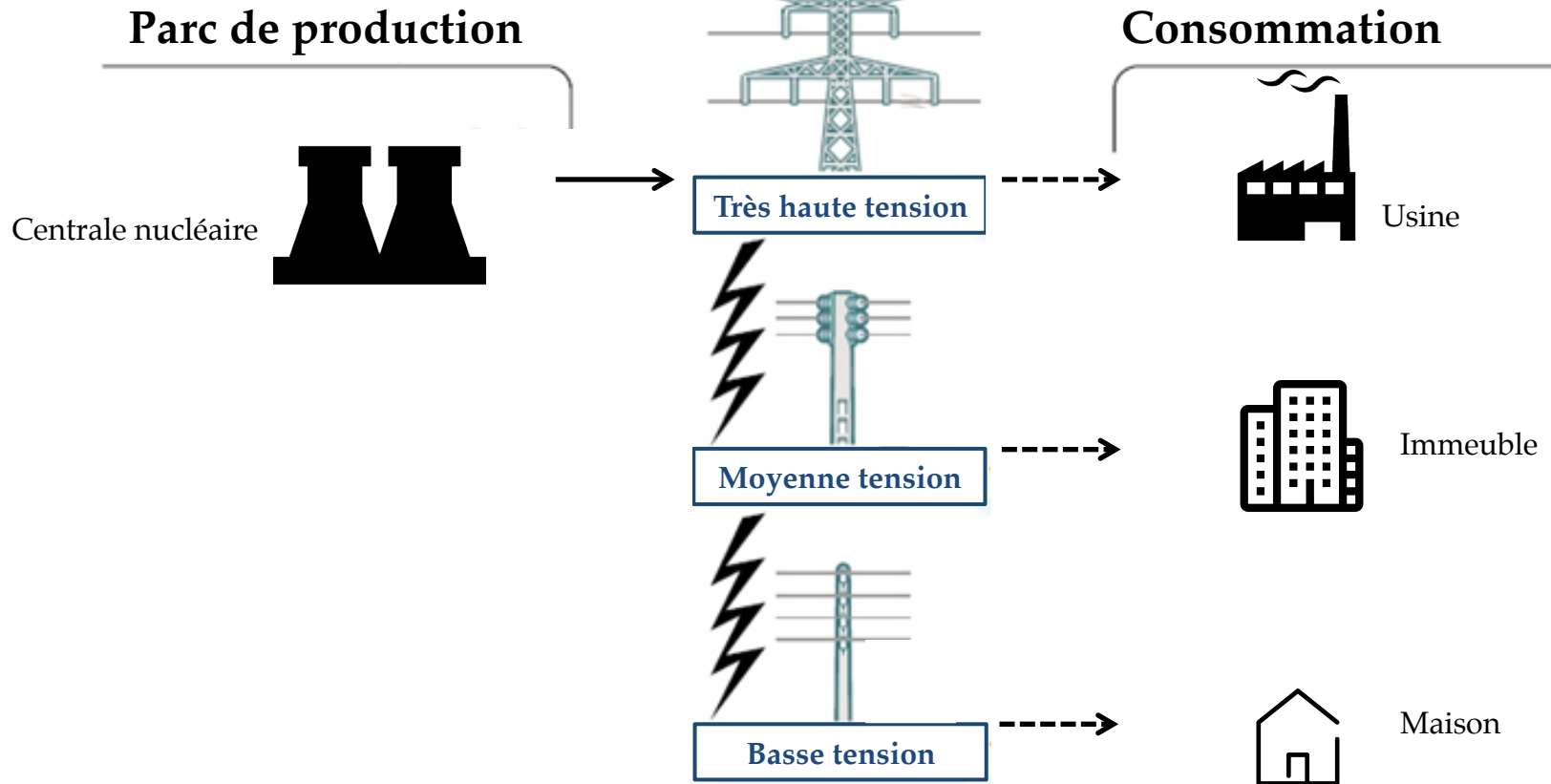



 Flux d'électricité

 Production

 Consommation

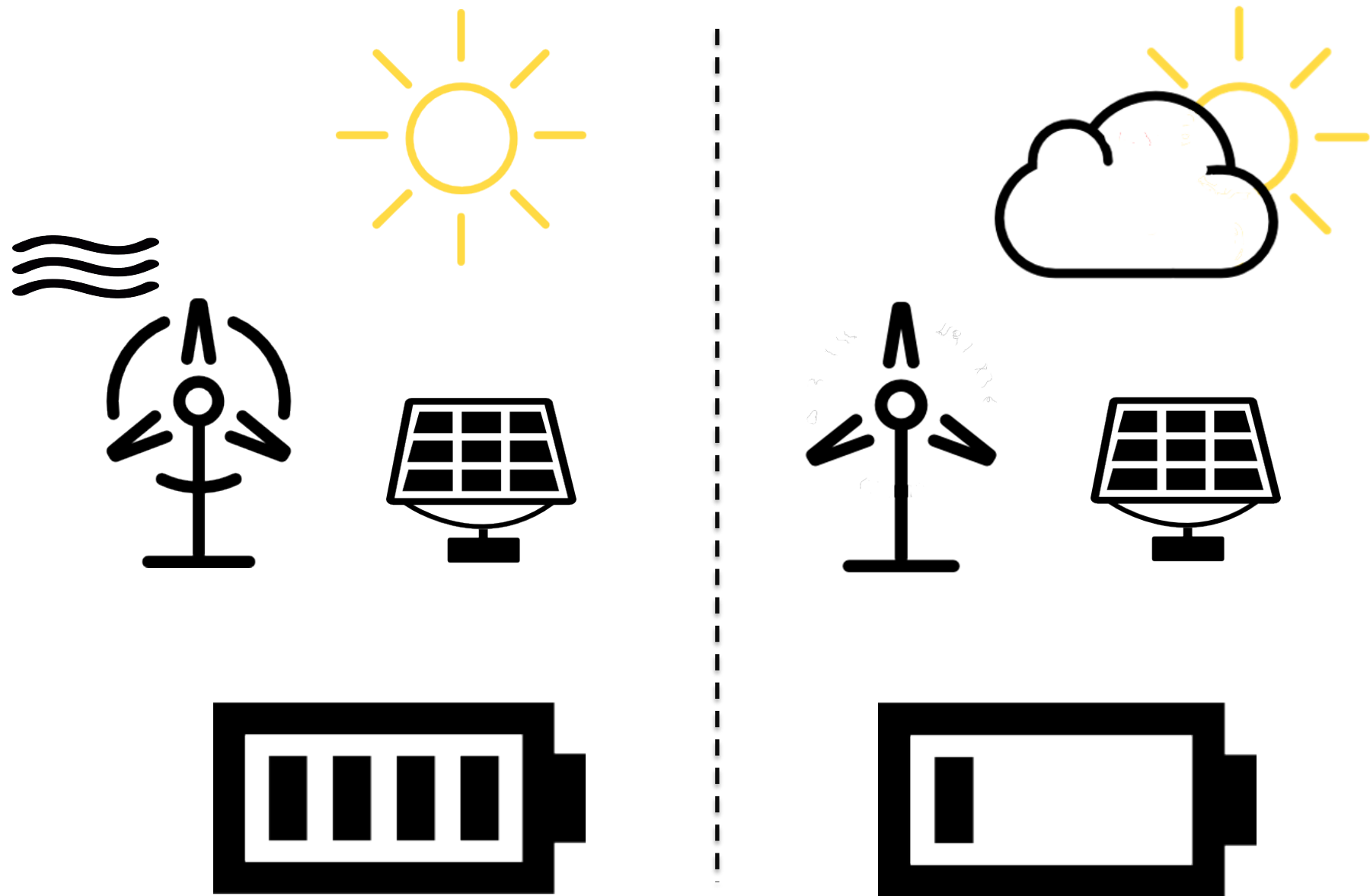
# Transport et distribution



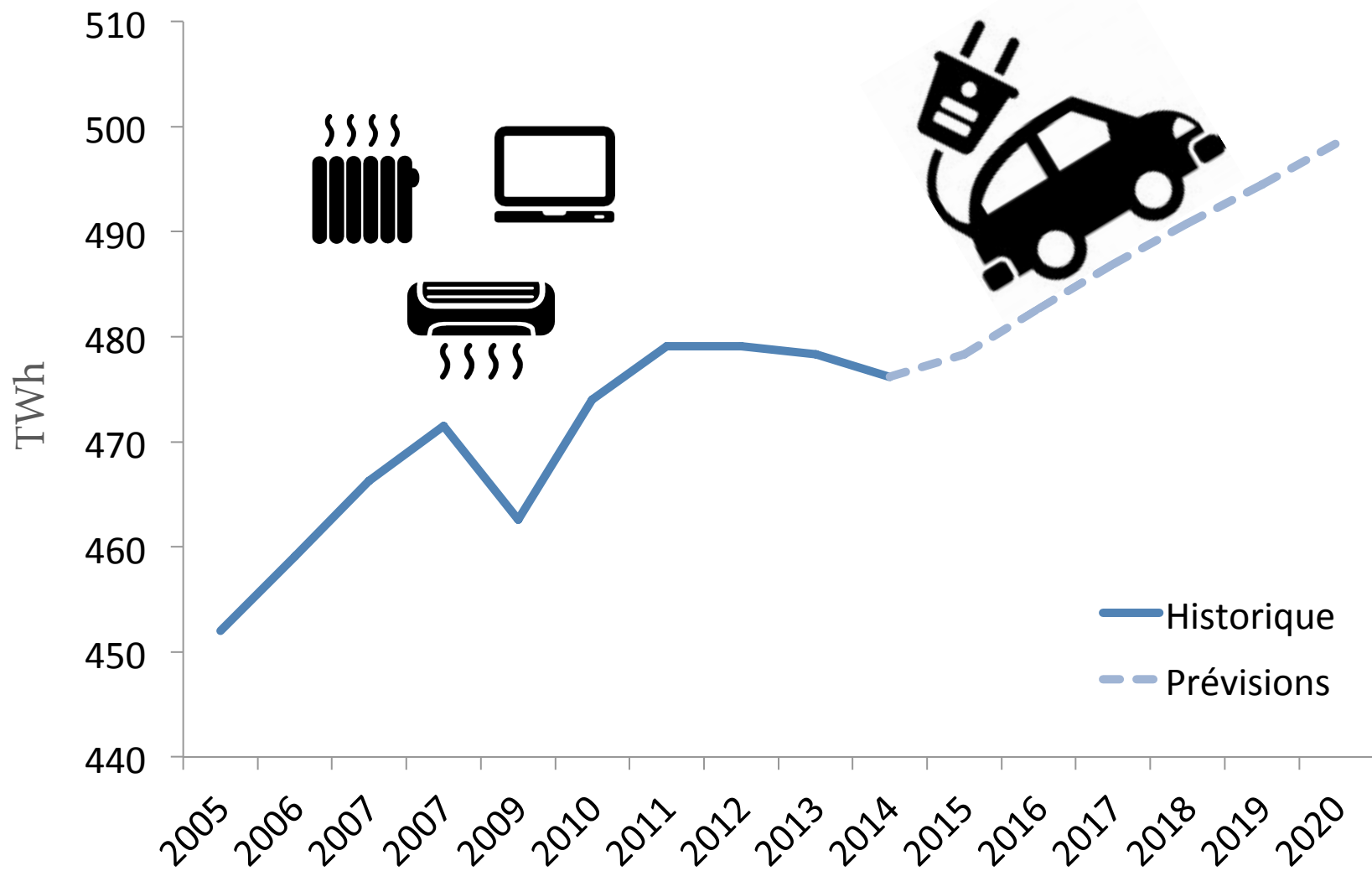
 Flux d'électricité

→ Production

- - - - -> Consommation



Production d'électricité



Source : prévisions de consommation RTE 2014

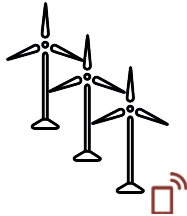
# Transport et distribution

## Parc de production

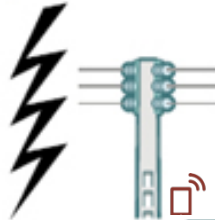
Centrale nucléaire



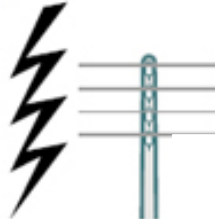
Éoliennes



Très haute tension



Moyenne tension

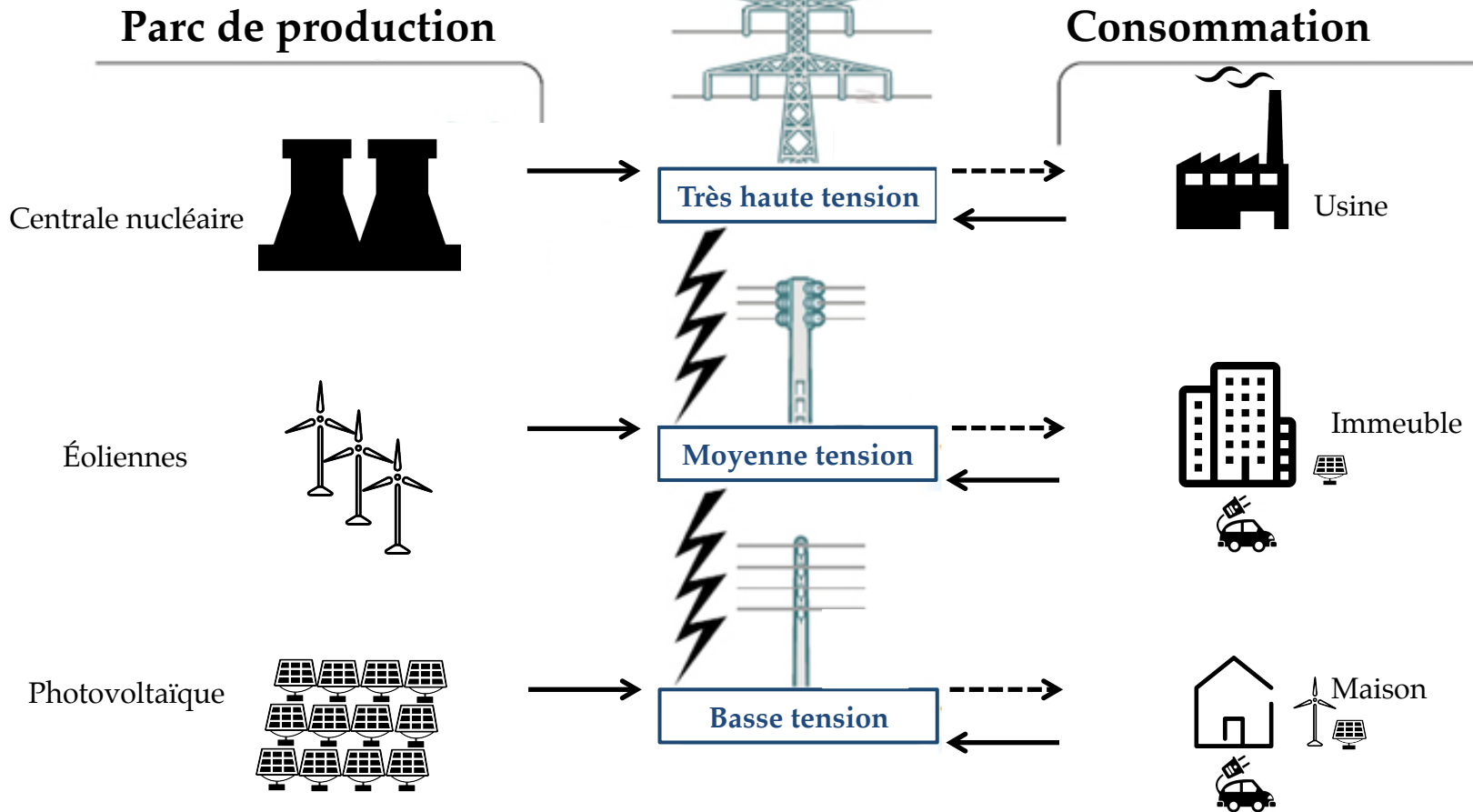


Basse tension

## Consommation



# Transport et distribution



Flux d'électricité



Production



Consommation



Boitier communicant

# Transport et distribution

