



LATEST DEVELOPMENTS IN TURKISH ELECTRICITY MARKET

Update by **EMRA/Türkiye**

Gökay KÜTÜKCÜ

Head of Wind and Solar Energy Group



Major Developments in Türkiye

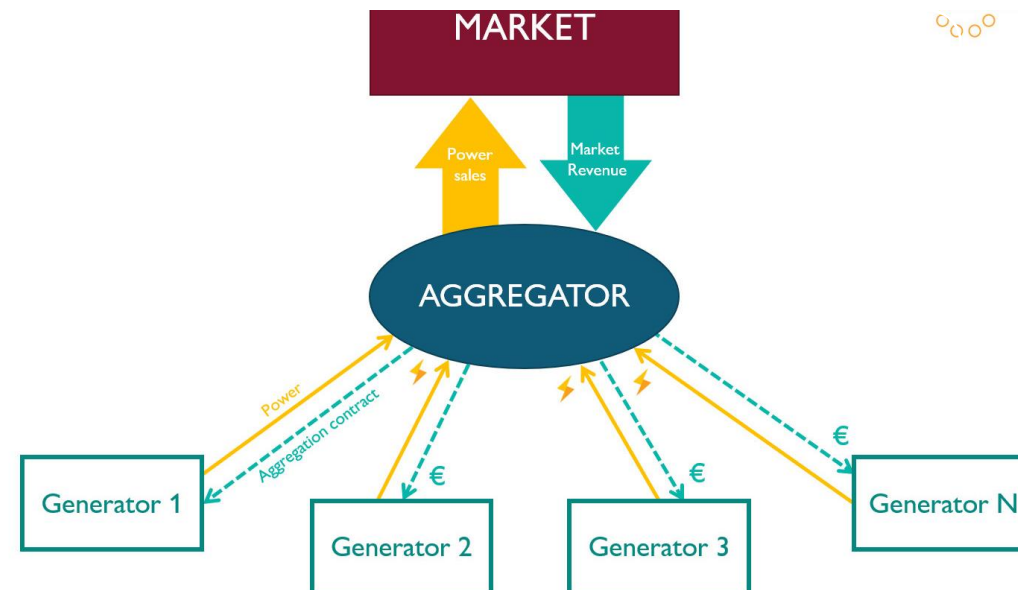


Aggregation Activities in Turkish Electricity Market

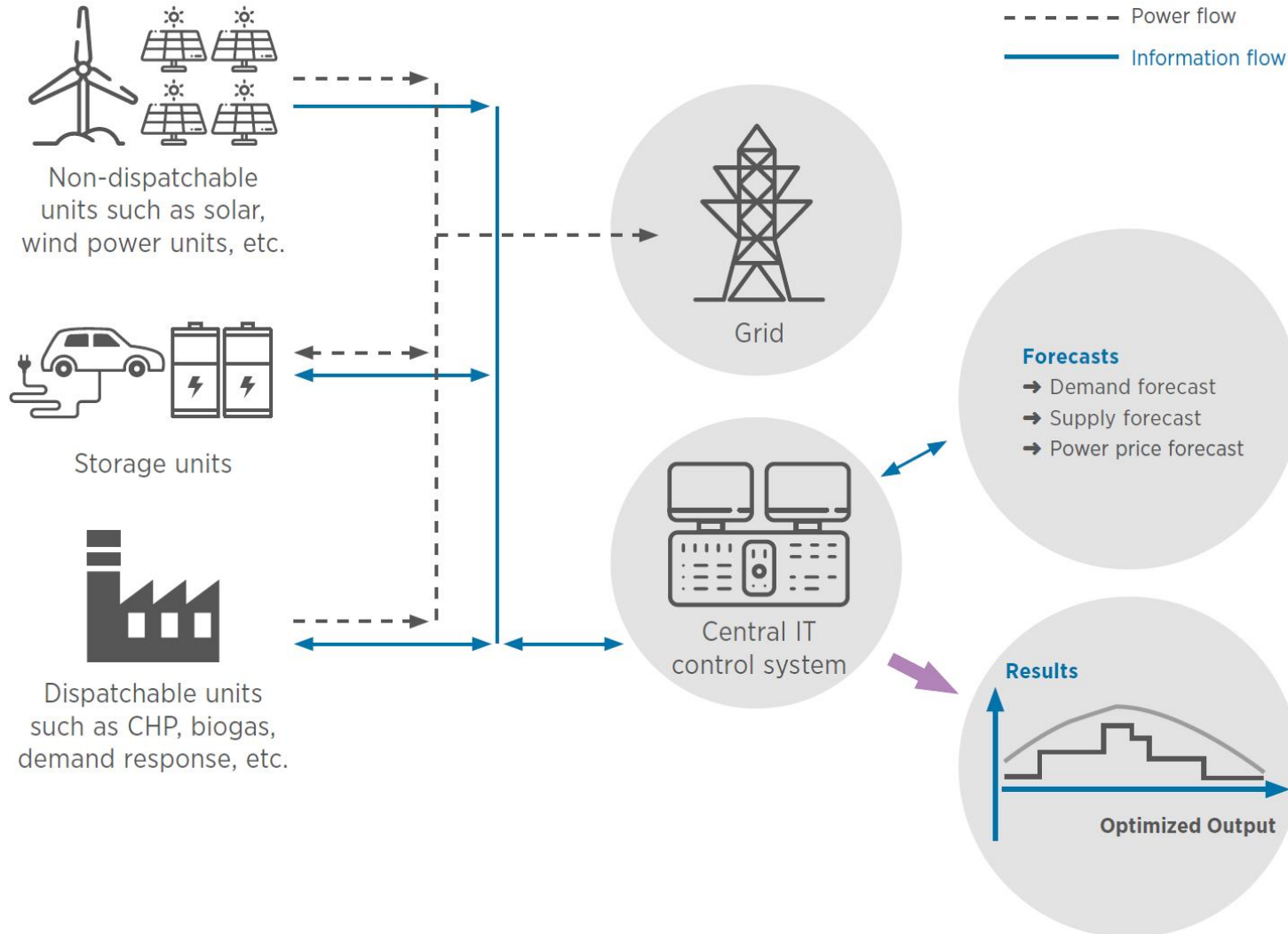
Acceleration of Permit and Approval Processes in Licensed Generation

Licensing of Unlicensed Power Plants

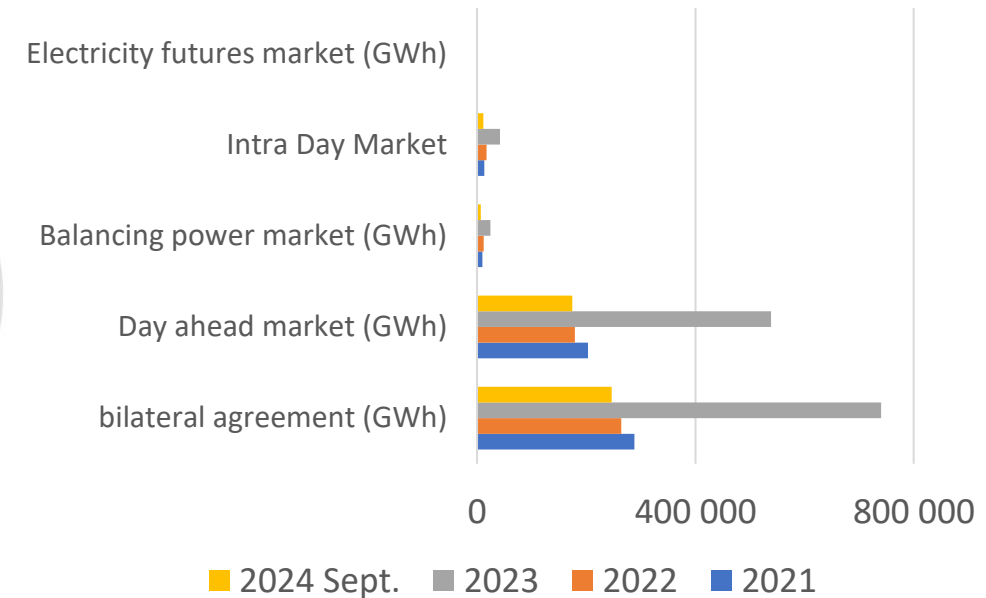
1. Aggregation Activities in Turkish Electricity Market



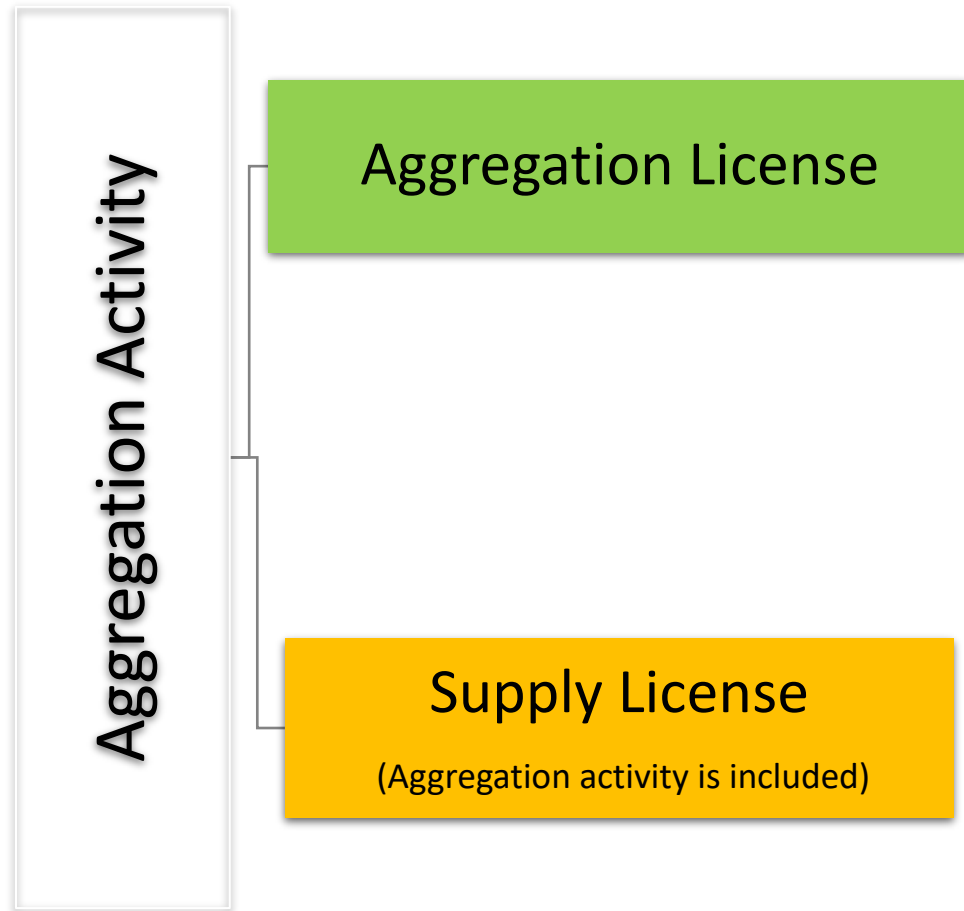
Aggregation Activity in General



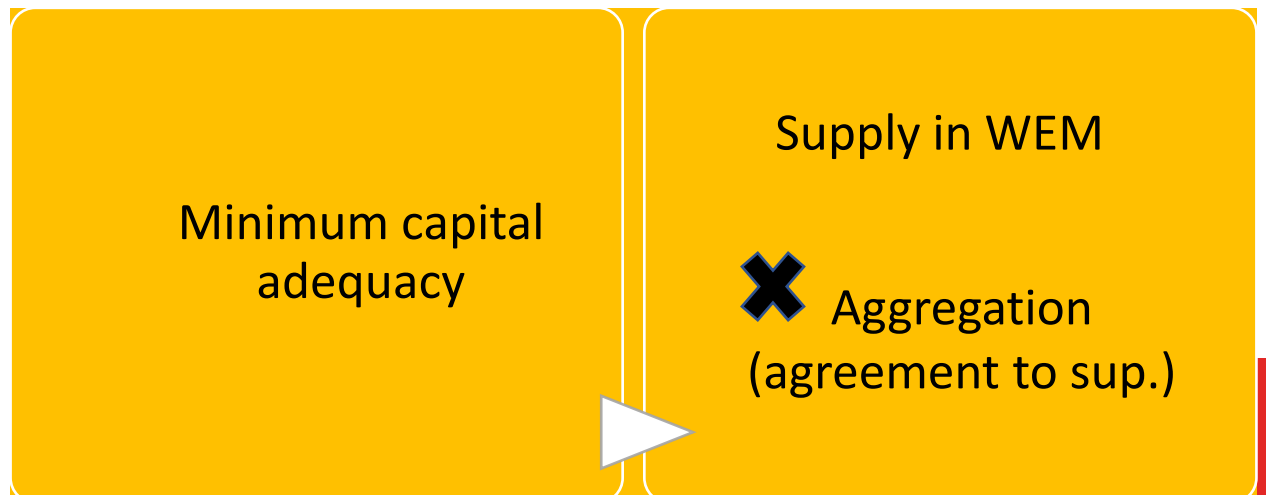
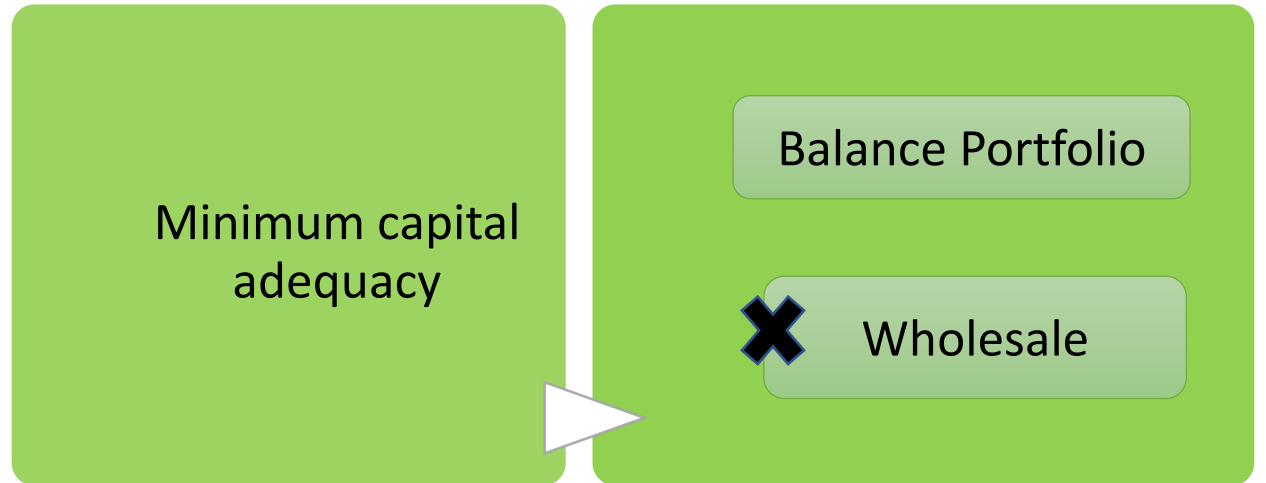
Wholesale Market in Türkiye



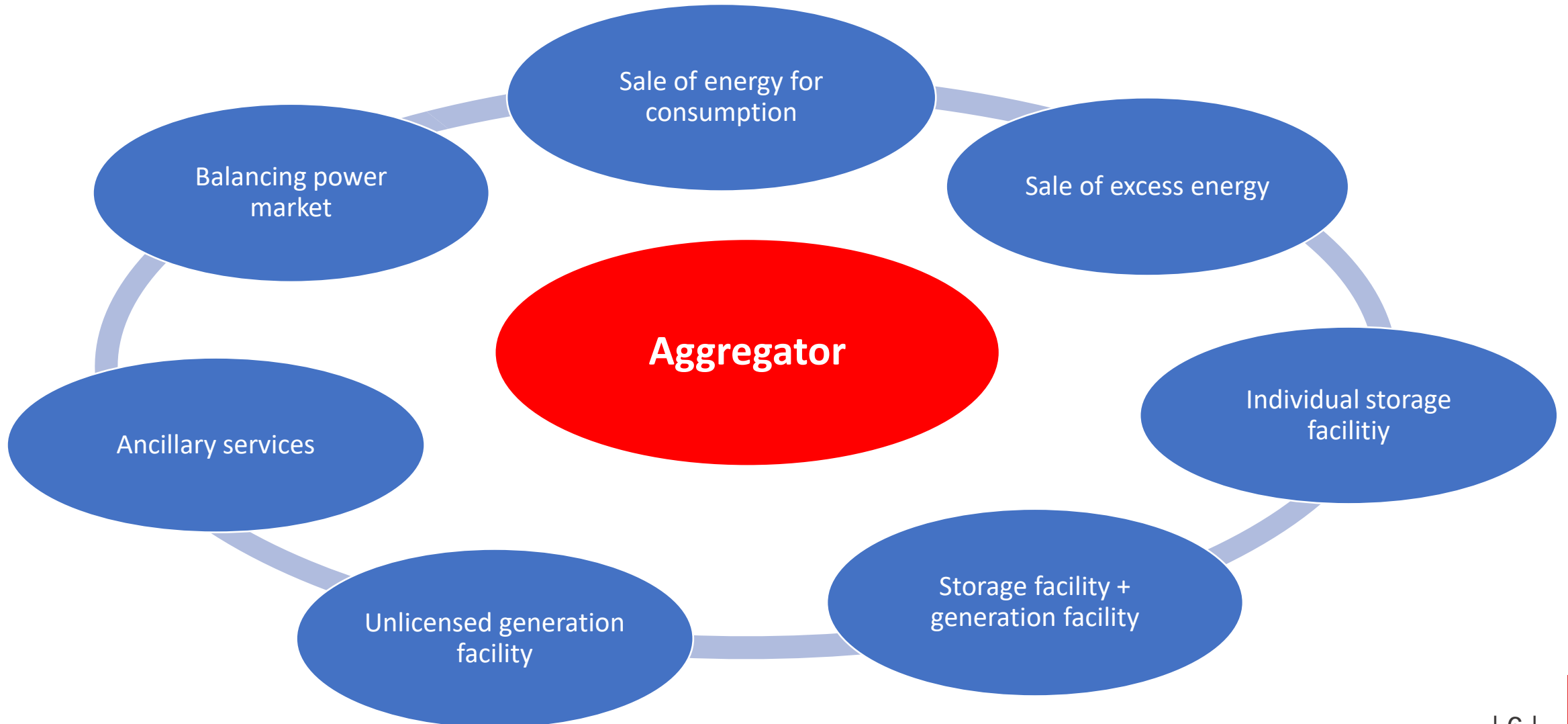
Draft Legislation



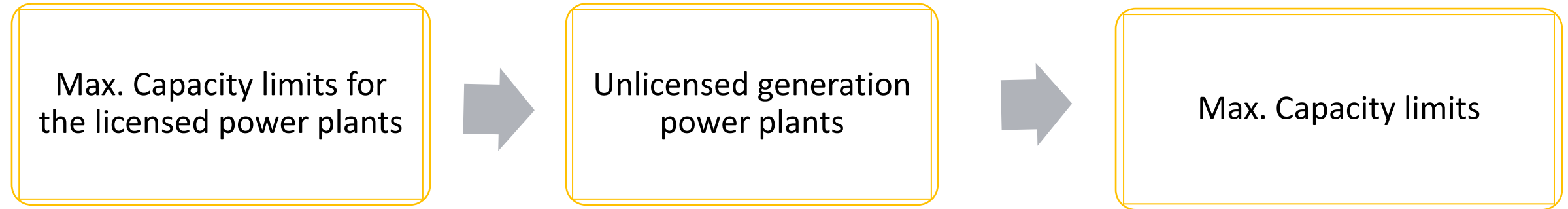
Secondary Regulations (Draft)



Functions of Aggregator



Licensed PPs in Aggregator's Portfolio & Portfolio Management



- Supplying Electricity
- Invoicing licensed generation
- Electricity Generation Prediction
- Ancillary Services & Balancing Power Markets

Unlicensed PPs in Aggregator's Portfolio & Portfolio Management

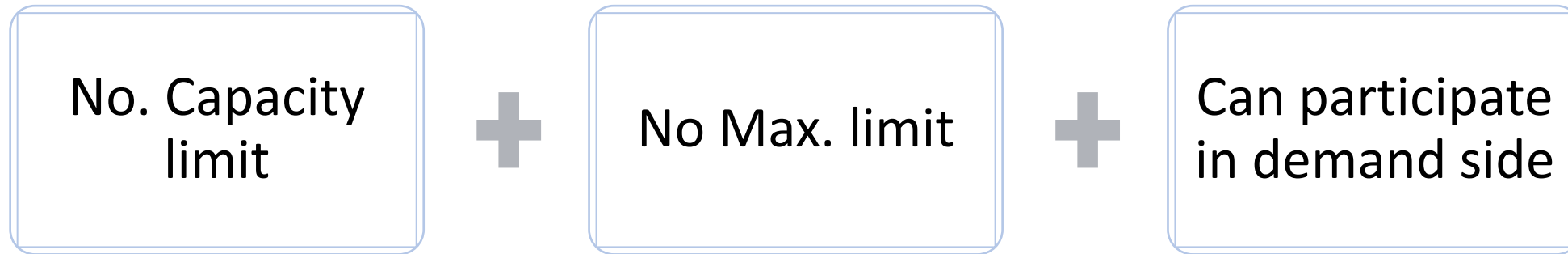
Unlicensed Generation
(Up to ... MW)



Total installed capacity
(Max. Limit)

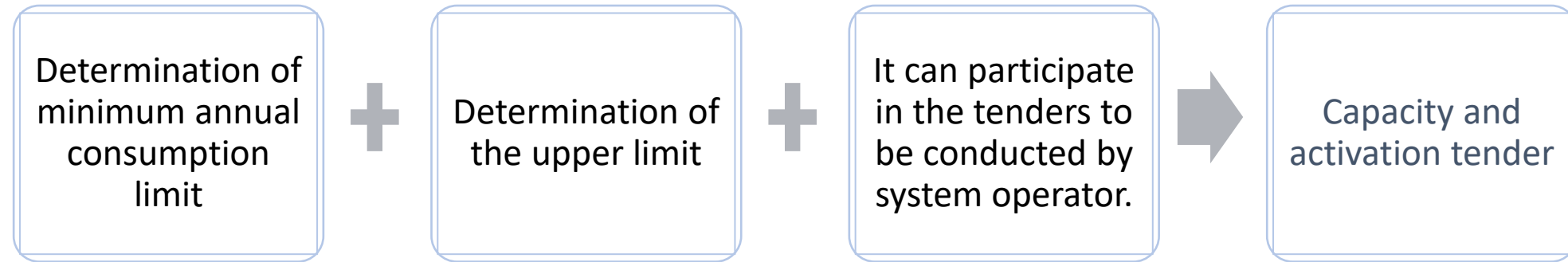
- Electricity Generation Prediction
- Load transfer-oriented balancing
- Settlement of unlicensed generation
- Feed-in Tariff for excess electricity

Consumption Facilities in Aggregator's Portfolio & Portfolio Management



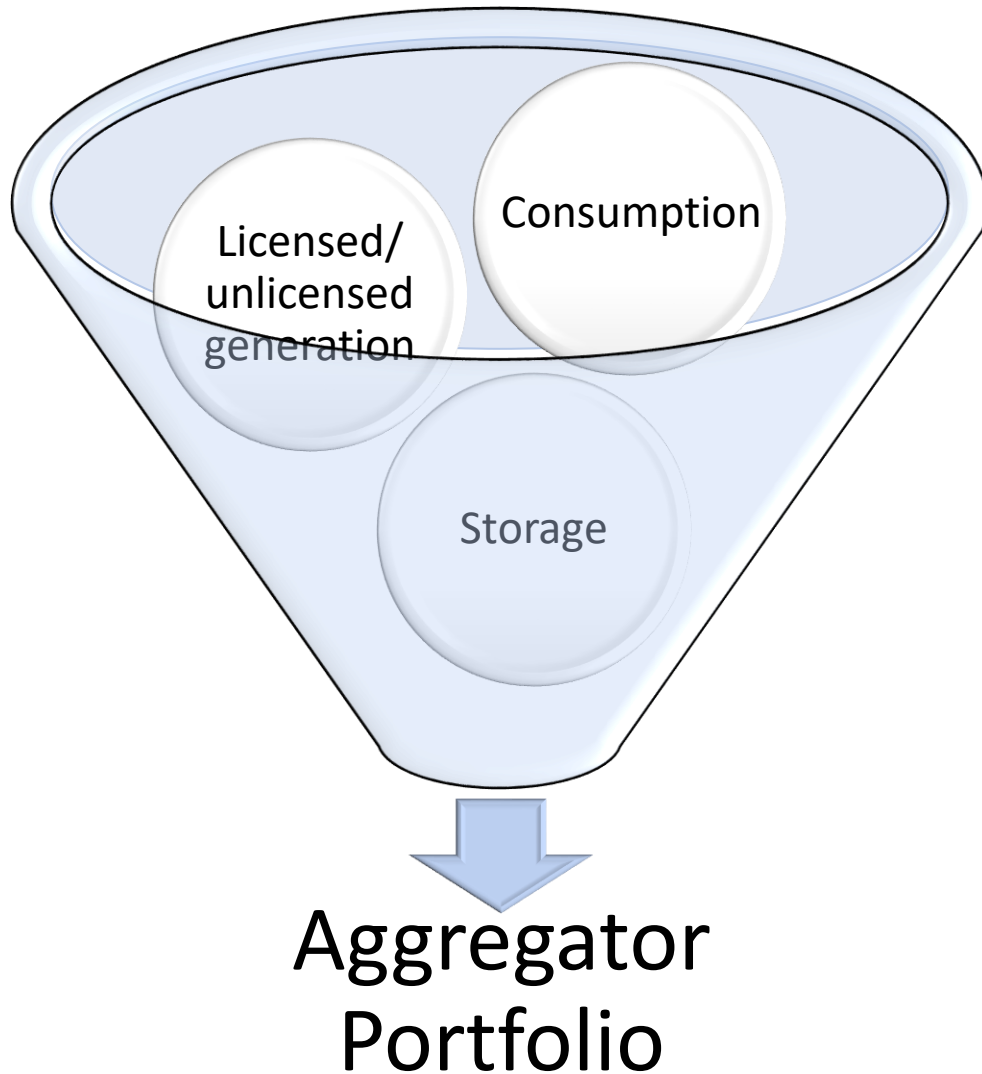
- Meet the demand at consumption point
- Consumption predictions
- Load reduction in balancing power market

Inclusion of Aggregator in Demand Side Participation Service



- Annual consumption limit
- Ancillary Service Agreement (TSO-3months before tender)
- Critical Months & Capacity Tender
- Payments
- Activation Tender

Rights and Obligation of Aggregators

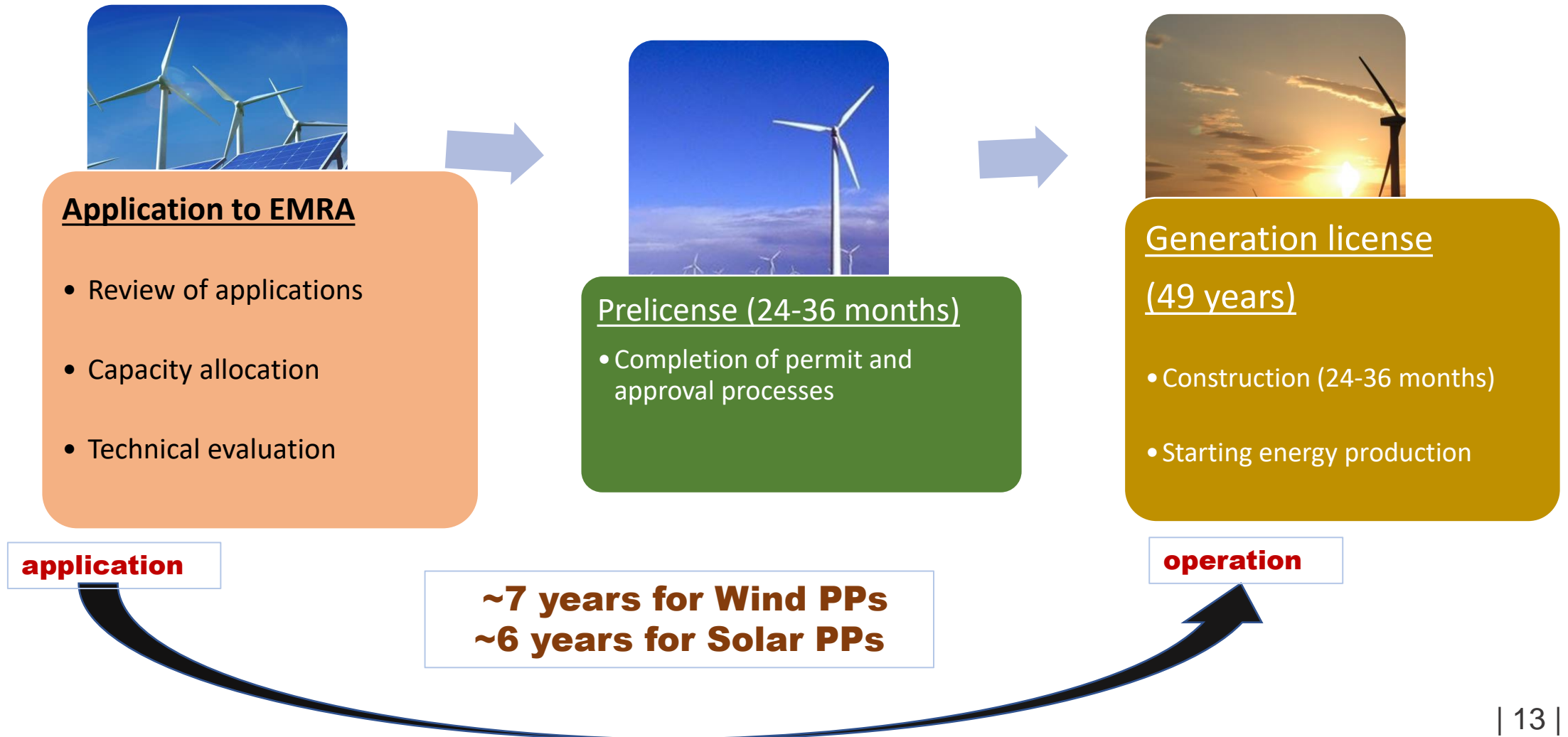


- Generation/Consumption Planning
- Trading Electricity
- Market Transactions / Ancillary Services
- Monitor / Analyze / Report

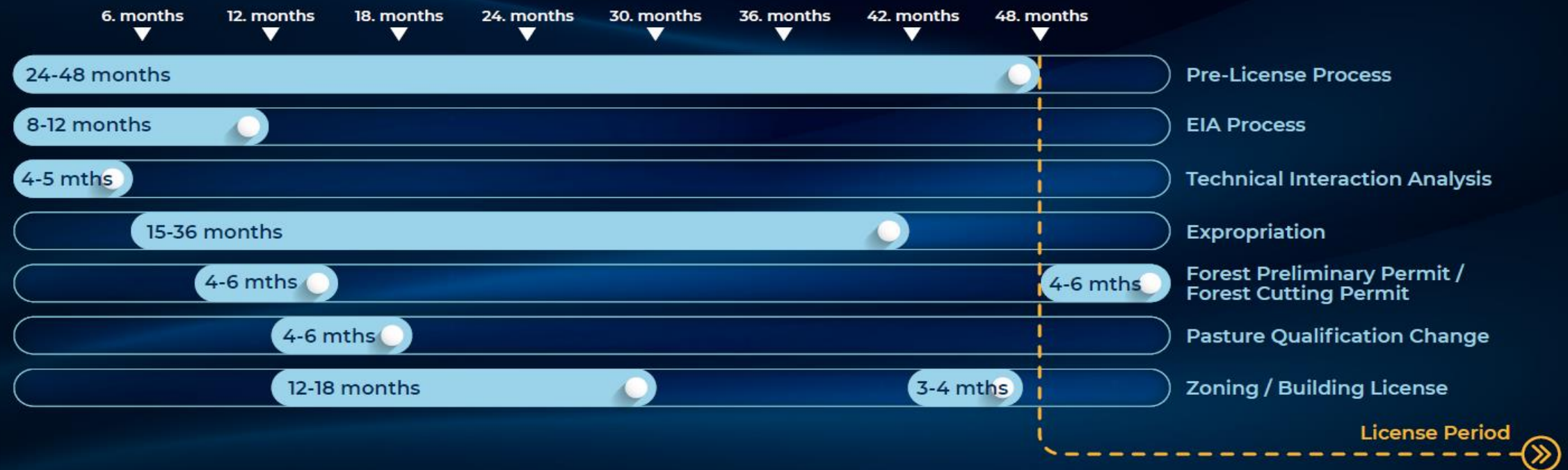
2. Acceleration of Permit and Approval Processes in Licensed Generation



Acceleration of Permit and Approval Processes in Licensed Model



Simplification and Acceleration of Permit and Approval Processes in Licensed Power Plants



ANTICIPATED REGULATIONS

Determination of thresholds for **EIA DECISIONS**

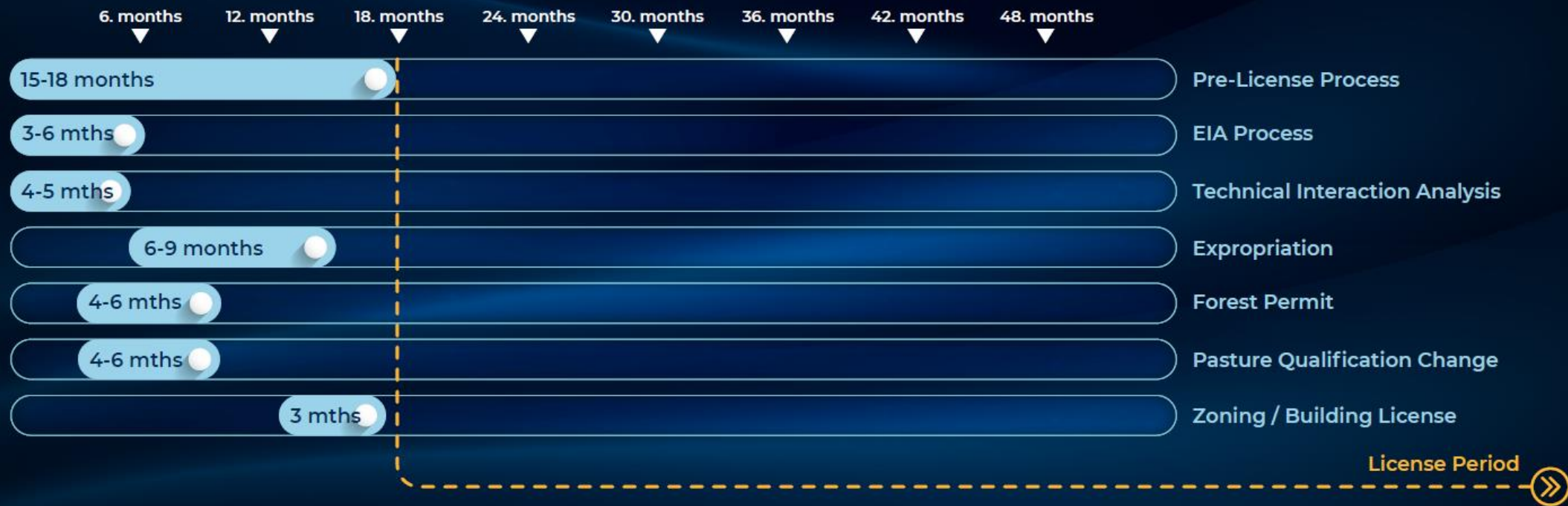
Permit applications are carried out together with the **EIA PROCESS**

Improvement of **IMPROVEMENT** and **PERMIT** processes

Simplifying **FOREST PERMIT PROCESSES** and reducing them to a single permit

Providing the possibility of **URGENT EXPROPRIATION**

Simplification and Acceleration of Permit and Approval Processes in Licensed Power Plants



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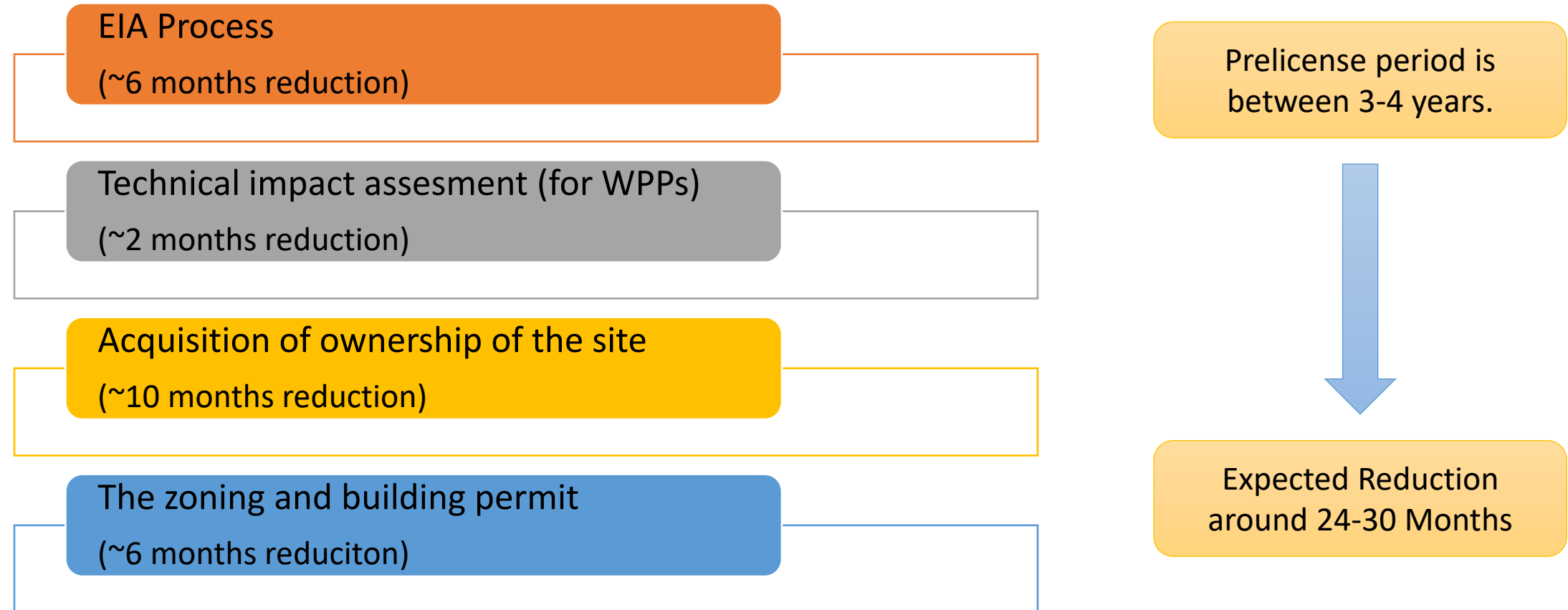
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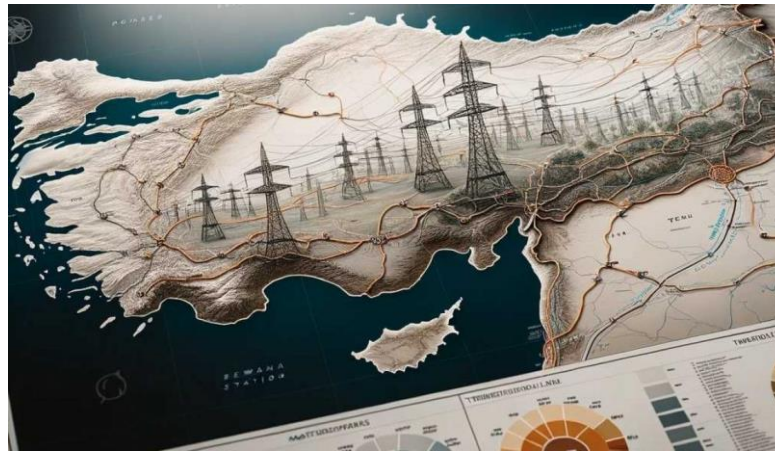
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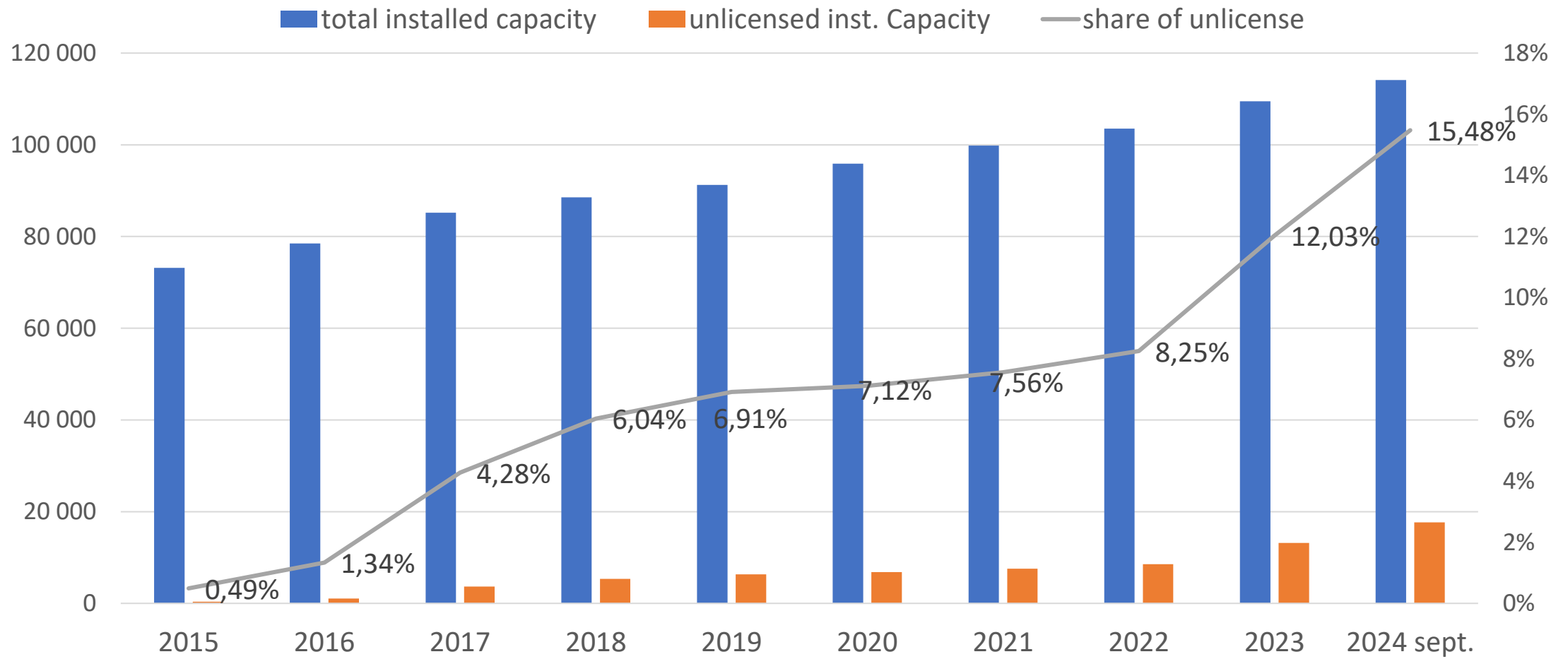
Simplification and Acceleration of Permit and Approval Processes in Licensed Power Plants



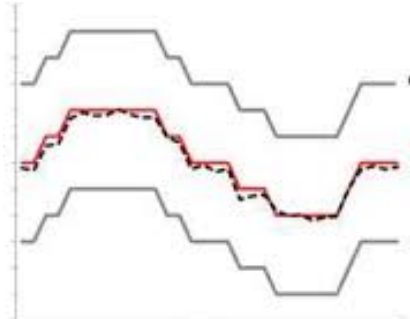
3. Licensing of Unlicensed Power Plants



Unlicensed Power Plants



Unlicensed power plants - in operation for more than 10 years



Min. & Max. Capacity
of the power plants



License fee for the
application



Selling excess energy
in the market



**THANK YOU
FOR YOUR ATTENTION!**

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