TOMORROW’S ELECTRIC AIRCRAFT

Electric propulsion has emerged as an ideal solution for decarbonizing aviation in the future. The limited power and endurance of electric motors means they will be used on smaller airplanes flying relatively short distances.

**All-electric propulsion**
- **AIR TAXI OR SMALL TRAINER**
  - Max. range: 100 km
  - 2 to 4 passengers
  - 1. Batteries
  - 2. Electric motors and propellers

**Hybrid electric propulsion**
- **COMMUTER AIRPLANE**
  - Max. range: 500 to 1,000 km
  - 9 to 19 passengers
  - 1. Turbogenerator
  - 2. Energy management
  - 3. Batteries
  - 4. Electric motors and propellers

**All-electric propulsion with fuel cells**
- **REGIONAL AIRPLANE**
  - Max. range: 1,000 km
  - 30 to 60 passengers
  - 1. Hydrogen tanks
  - 2. Batteries
  - 3. Fuel cells
  - 4. Energy management
  - 5. Electric motors and propellers

**Towards 2028/30**

**Towards 2025**

**Towards 2035/40**