



Overview:

- Airport planning
- design and construction of flight operational areas and drainage systems, airport lighting and all other technical and operational facilities including transmitters and meteorological facilities subject to ICAO- / EASA-Regulations
- Feasibility Study
- Masterplanning
- Plan approval procedure
- Planning of civil engineering and infrastructure
- Planning and construction supervision
- Construction monitoring and controlling
- Design of Airport installations
- Studies and expertises for (operating) sequences and requirements specific to airports

Spectrum:

✓ **Civil Engineering**

- New Construction and refurbishment of runways, taxiways and aprons, including all civil engineering work Code Letter F / Airbus A 380 to CAT II/III
- Sewer construction, sewage treatment plants, hydraulic control systems and retention basins
 - Infrastructure



✓ **Technical Equipment (incl. civil engineering)**

- Approach lighting
- Lighting and signposting of aircraft movement areas
- Building management systems
- Taxiing guidance systems
- Equipment according to operating category II/III
- Docking systems, design of aircraft parking positions, passenger loading bridges
- Meteorological equipment
- radio navigation aids
- Firefighting equipment
- Deicing areas
- Fuel depots
- Security systems / boundary fencing and gate systems, road and paved area construction



✓ **Expertises / Studies**

- Studies and expertises for (operating) sequences and requirements specific to airports
- Building construction incorporating airport technology, e.g. terminals, freight handling facilities, etc.
- Air traffic prognosis
- Feasibility Studies



Pictures: A.C.E. GmbH



✓ **alphabetically arranged**

- Aprons
- Aircraft movement areas
- Airport extension
- Andocksystems
- Approach lighting
- Construction under operational conditions
- Control and monitoring system
- De-icing systems
- design of aircraft stands
- Distance measuring equipment (DME)
- Drainage systems
- EASA/ICAO conformity
- Feasibility studies
- General expansion planning
- ICAO/EASA conformity
- Instrument landing system (ILS)
- Lighting / airport ground lighting system
- Marking & signs
- Masterplanning
- Measuring and control technology (MSR)
- Navigational lighting technology
- Parking systems
- Plan approval procedure
- Power control technologies for drainage installations
- Purification and control systems
- Radio navigation aids
- Refueling system
- Runway guard lights
- Runway systems
- Rain water retention basins and pump stations
- Site management / site supervision
- Studies and reports
- Taxiing guidance sign-posting
- Technical equipment
- Underground refueling systems
- Whitetopping treatment