

project name Airport Prince Mohamed Bin Abdul Aziz Development
Sanitation design

owner Presidency for Civil Aviation, Jeddah (KSA)

prime consultant Dorsch Consult Airports, Munich (Germany)

location Medina (KSA)

project duration begin december 2004
end december 2006

The airport Medina is proposed to be developed up to annual capacity of 6 million passengers. This requires to restructure, extend and to modernize existing utilities.



existing sewage treatment plant, proposed to be dismantled

responsibilities

master planning for sanitation infrastructure:

- water service: extension of potable and fire fighting water distribution
- sewer system: extension of sewer network, relocation of new UASB-sewage treatment plant with posterior ponds, design for sewage reuse for irrigation
 - digestion gas collection and use

