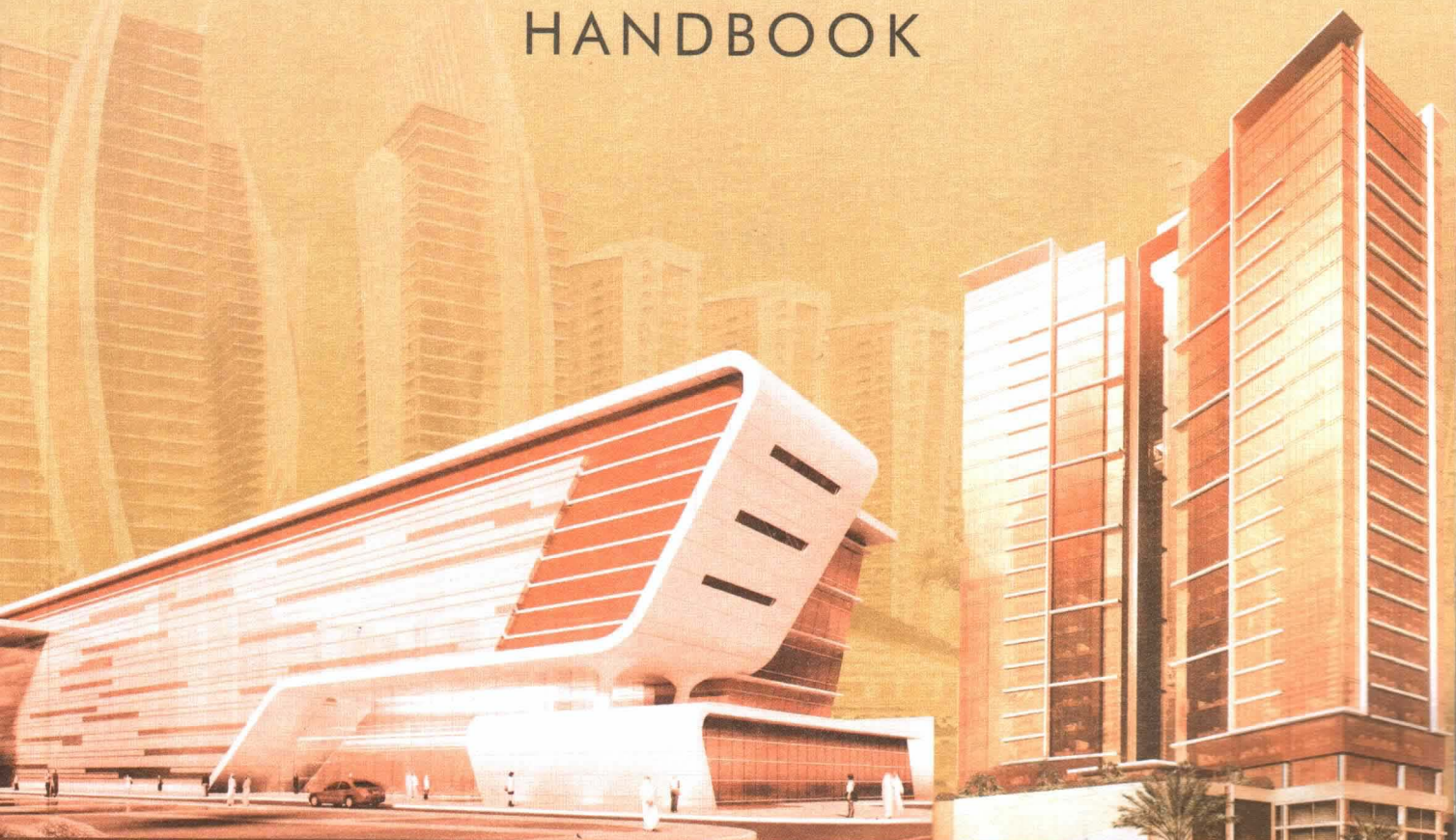


3<sup>rd</sup> AJMAN  
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2009

HANDBOOK



Sustainable Development: Reshaping Cities



## Dr. Adil Lari

### Architect and General Manager Austrian Consulting Engineers Group (ACE Group)

Dr. Lari has 21 years of experience as a practicing architect focused on energy efficient building design. He has realized flagship low-energy multi-family residential buildings in Austria and the Czech Republic and sustainable hotels and office buildings in the Near East. He is thoroughly knowledgeable of Energy Efficient measures and Renewable Energy technologies for new and existing buildings.

Dr. Lari is recognized in the field of monitoring and evaluation of end-use energy consumption. He has developed protocols to monitor building energy performance.



## Low-Cost and Energy Efficient Building

Adil Lari has planned and realized low-tech, low-energy buildings and developments in Austria, the Czech Republic and Jordan. He will present a sample of his realized projects - focusing on sustainable residential and commercial developments - and explain which specific measures and technologies were utilized, as well as their overall performance and investment payback.

In addition, Mr. Lari will present valuable findings arising out of his follow-up research into actual energy consumption in energy-efficient and -inefficient buildings. In his studies, the end-user awareness and care of energy conservation potentials are cross-checked. Using the internet, the energy consumption of a sampling of real apartments in a broad selection of European countries were monitored over a complete year - including indoor climatic factors such as room temperature, humidity and natural ventilation/window use, all of which affect energy consumption - with surprising results