

The Aladin[®] concept for City Lighting Management: A sustainable solution

In EUROPE and throughout AFRICA, ETDE has developed a new concept of
City Lighting Management

The main advantages of a global management of city lighting networks are the following:

- ***New innovations targeting sustainability***

☞ The Aladin concept is implemented through long-term contracts that seek to finance investment by facilitating reductions in running costs with commitment to results. It's an all-inclusive price per illumination point **with no increase in global running costs** covering five main items, as:

- Network operation
- Energy
- Maintenance
- Repair
- Renovation/upgrade

This way of operating city lighting allows:

☞ **Best quality service** reducing breakdown rate, improving equipment condition and illumination performance with initial replacement of obsolete equipment followed by regular upgrade programme:

[Secure and maintain the most efficient, effective and appropriate provision of road lighting services throughout the city]

☞ **Heightened feeling of security and well-being**, creating a new and up to date image of the city conducive to revitalize commerce and tourism, enhanced urban landscape through an Illumination master plan. It will ensure benefits to local government departments and the population, enhancing satisfaction for all users: drivers, passengers, cyclists and pedestrians, residents.

[Improve road safety and street crime and the fear of crime]

- **Technical innovations**

☞ **Full modern technical management resources**, using computer tools, remote management and monitoring tools with installation management software (alphanumeric and cartographical functions).

- **Environmental care**

☞ **Reduce the effect of the road lighting system on the environment** by a true lighting design scheme

- **Energy care**

☞ **Energy optimisation remarks and plan**, by implementing the best valuable lighting equipment to reduce energy consumption

- **BEE partnership**

☞ **Active partnerships** contributing to local business dynamics: possibility of developing or modernizing local plants to supply lighting hardware needed in the illumination systems.

- **Transferring of skills**

☞ **Commitment to employ and train local staff**: top technical trained teams, autonomous and efficient in their job

- **Any Other Business**

☞ Possibility to extend the Aladin concept to cover **other value-adding illumination services**:

- Festive illuminations
- Monument illumination: Highlight the historic heritage of the city
- Stadium lighting
- Traffic lights