



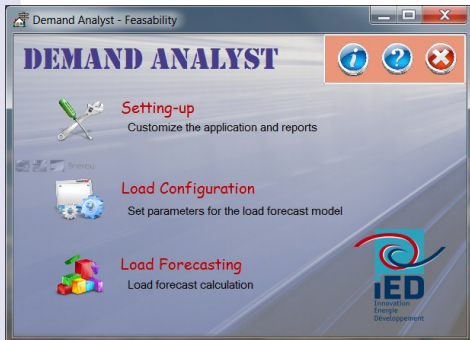
Modelling and planning the energy demand

Demand Analyst® is a powerful tool for rural electrification help decision making dedicated for planners and engineers. The software is designed to estimate the energy demand growth for one specific village or a cluster of village with a study area until the planning horizon. At the opposite of traditional "top-down" approach model, Demand Analyst® use an accurate demand analysis for each end user (Households classes, public infrastructures and services, businesses, shops, etc.), which are previously identified through socio economic field surveys.

- ◆ Demand Analyst© offers a user friendly interface which simplifies the management and edition of load forecasting results.
- ◆ The scenario customization can be easily done by a non-specialist and growth hypothesis can be quickly addressed and tested.

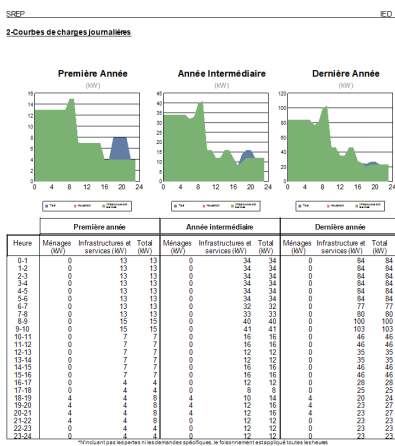


Forecasting the project energy demand in order to optimize the grid network sizing and investment required

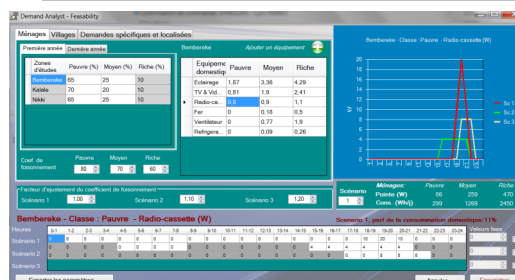


Demand Analyst© offers various functionalities :

- **Study area customization** : Demand Analyst© can equally study one specific village or a cluster of villages within a study area with different energy patterns and population ranges.
- **Planning horizon**: The planning horizon can be easily adapted to local or national customs
- **Regional parameters** : Various parameters can be set according to its geographic area.
- **Specific demands** : Some productive uses or agro-industries requiring large amount of energy located outside even villages can modify the energy pattern. Those demands can then be characterized and take into account for planning studies.
- **Study scenarios**: More than three type of energy service scenario can be simultaneously studied and compared.
- **Detailed energy output** : Annual consumption, energy peak, client number (low and medium voltage) and daily load curves.



Tool already deployed in various countries such as: Laos, Cambodia, Burkina Faso, Cameroon, Benin Madagascar, Tanzania...



Minimal configuration :

- ◆ Windows XP, 7
- ◆ Platform .NET 2.0
- ◆ GEOSIM© compatible



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