

Case Study

Analyzing the S Curve in terms of
TIME-SCOPE-COST for a
construction project



costar
Plan

CONSTRUCTION

Project planning & reporting



*The **difficulty** consists in gathering the project information and reporting the overall big picture of the project, the Master Schedule... to allow Top Management to take the right decisions by analyzing the final report— S Curve in terms of time, scope and cost.*

THE ISSUE

As General Contractor, is difficult to **keep all contractors under control**, moreover when each is reporting in different formats and tools.

The **client's requirements are contractually clear in terms of scope, schedule and cost**. Despite this, the **difficulty** consists in **gathering the project information and reporting the overall big picture of the project**, the Master Schedule.

Daily, weekly, monthly reports have to be collected and processed to **allow Top Management** to take the **right decisions by analyzing** the final report— **S Curve** in terms of time, scope and cost.

THE SOLUTION

Ecostar Plan, by its practical approach based on real industry experience in project management has offered its *support in integrating and reporting the cost and schedule data collected from contractors.*

After the General Contractor has presented the contract Project Management requirements (*"...the Gantt chart Report shall be presented as a comparison of the agreed baseline schedule and the current schedule showing actual progress and forecasts. The CONTRACTOR's schedule reports shall as a minimum include the following attributes: Critical Path, S Curve, forecasts, actual vs. planned costs..."*)

Ecostar's consultants have implemented the Project Planning & Control requirements by different client's software tools as Microsoft® Project, Excel and Primavera. The implementation required multiple meetings and scheduling audits to the contractors.

The Project Manager was able to **understand reasons for delays and overruns easier by analyzing the S Curve reports**. It allowed to **better control** contractor's performance.

The result: Project under control, in terms of schedule, scope and cost. Top Management informed through S Curve reporting.

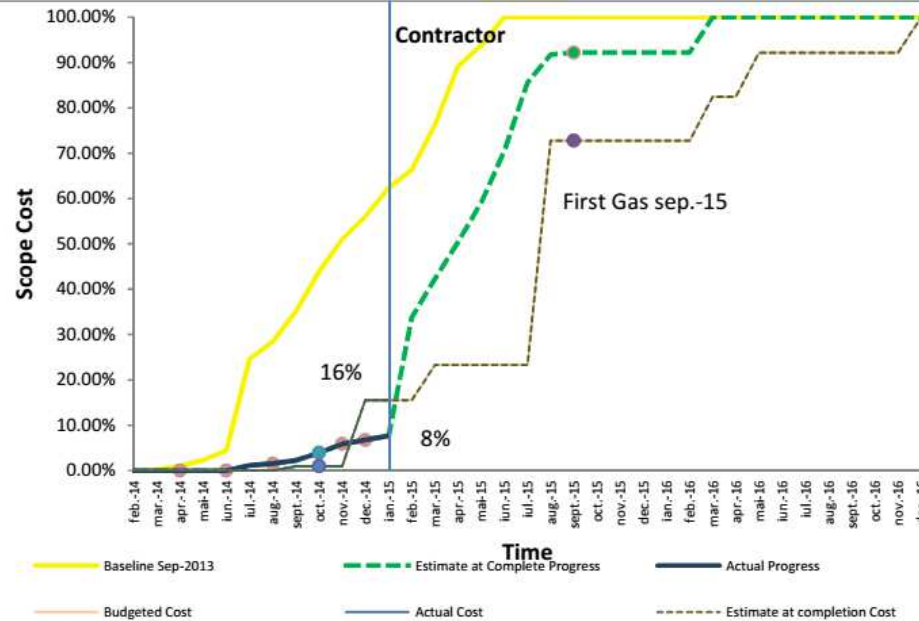


Ecostar Plan

	W%	% S	Notes:
	100%	8%	Schedule not received, weights and %complete estimated;
SENG Engineering	6%	53%	Contract signed after 3 mths delay
6PRC Contracting & Procurement	54%	3%	
7CNSTR Construction	32%	8%	
8CMSS Comissioning	7%	0%	

Ecostar Plan engineers help customers to realize and implement project planning and reporting methodologies in relation to their business challenges.

It is definitely worth it!



NEXT STEPS

As general constructor, different projects in terms of size and complexity require a clear view on the contractor's performance. Typical projects may face delays in there is no clear correlation between all involved parties. It is a must to continue to plan and control projects in a standardized approach according to best industry's practices.

BENEFITS

With multiple execution works ongoing, Constructor is facing difficulties in gathering and processing project progress data. Personnel software skills with the planning tools are still weak and require specialized training from experienced Project Management trainers.

The training and consultancy provided by Ecostar Plan's consultants has ensured a **better project control** and has given promptly the right solution according to the **contractual requirements**.

The demanding Beneficiary needs for Project Management require a continuous process for personnel training in using tools and applying best industry's practices in planning and controlling the project work.



*Keep your projects
on time on scope on cost*



www.ecostarplan.com

(+4) 0314 220 728

office@ecostarplan.ro



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