Exploration Technical Services

Pain Points	Type of Weakness Clusters			Driver: Cost, Performance, Value	BPM Possibility	Data, Information, Scorecards	Standardization, Measurements, Collaboration	Detailed Project Comments
	Business Flow Pain Points	Process Flow Pain Points	Information Flow Pain Points					
No standardization of QA / QC of data for seismic data acquisition project	QA / QC work is dependent on highly experience people (scarce resource)	Need to refer to experience staff for the QA / QC work	QA / QC cannot be automated	Performance	Ineffective and inefficient	Data, Information	Standardization, Collaboration	Data governance, collaboration engine
QA / QC of seismic data acquisition is manually done	QA / QC work is dependent on highly experience people (scarce resource)	Bottle-neck of process	Manual task	Performance	Ineffective and inefficient	Data	Standardization, Collaboration	Data governance, collaboration engine
Procurement of data acquisition service is lengthy	Scope of work for seismic data acquisition has to be tailored to the unique requirement of projects	Waiting time of procurement process	Requirement capturing is not automated	Performance	Ineffective and inefficient	Data	Standardization, Collaboration	Information architecture
Decision making flow	Decision making is often done with missing information or done Ad-hoc and in Silos of the working team	Resulting in bad as well as wrong decisions	Information is only shared horizontal (in the solutions and the departments). It is not shared between the departments and or applications that are involved in the development project	Cost, Performance and Value	Ineffective and inefficient	Information, Scorecard	Measurements, Collaboration	Information architecture, collaboration engine, scorecard
Data integrity	Data integrity is low or missing	Chaos and frustration, low operational efficiency	Ineffective use of already developed and existing information	Cost, Performance and Value	Ineffective and inefficient	Data	Standardization	Data governance, information architecture
Data quality	Data quality is low or missing due to missing data quality governance	Chaos and frustration, low operational efficiency	Ineffective use of good systems, horizontal integration is missing, giving realtime data and information	Cost, Performance and Value	Ineffective and inefficient	Data	Standardization	Data governance, information architecture
Need data, profile of gas composition is needed, but not shared with the project team or time consuming to get the data (green field project)	Data is developed Ad-hoc and in Silos and is not shared with the other teams. This is very ineffective use of the assets that should be available.	Resulting in long lead time as well as possible wrong decisions	Ineffective use of already existing information	Cost, Performance and Value	Ineffective and inefficient	Data, Information	Standardization, Collaboration	Data governance, information architecture, identity management, collaboration engine, content management, enterprise search
Data update is not shared (data utilization)	Information and Data Governance missing	Double work and frustration as well as low operational efficiency	Ineffective use of already existing information	Cost, Performance and Value		Data	Collaboration	Collaboration engine, data governance, content management
People leave project and leave with important data (data is often local)	Data is developed by person in Silos and is often just saved localy, when these people leave the vital information leaves as well	Time consumption, double work, frustration, and what is even worse, affecting project delay	Loss of Information, which must be the most ineffective use of already existing information	Cost, Performance and Value	Ineffective and inefficient	Data, Information	Collaboration	Content management, collaboration engine, data management plan
Decision making flow; no data and information flow	Decision making is often done with missing information, this has a big impact to the way we work	Resulting in bad as well as wrong decisions	Real Time Decision Making is not possible due to missing information flow	Cost, Performance and Value		Data, Information, Scorecard	Standardization, Measurements	Information architecture, scorecard, data governance
Issue with data utilizaition, try to find or request for data (brown field)	Data is developed, but is in other departments and is not shared with the other teams	Resulting in long lead time as well as possible mistakes	Low data utilization and thereby ineffective use of already existing information	Cost, Performance and Value	Ineffective and inefficient	Data	Collaboration	Collaboration engine, enterprise search
Getting information, data from previous project, e.g. lessons learned	It is difficult to search in the existing systems, documents and projects for existing lessons learned	Make multiple mistakes over and over again. Don't utilize and use the experience of others.	Lessons learned data and Information Governance is missing	Cost, Performance and Value	Ineffective and inefficient	Data, Information	Standardization, Collaboration	Data governance, information architecture, collaboration engine, enterprise search, project management system, content management
Information and data flow gathering, evaluation & analysis	Evaluation and analysis is very difficult as information and data is missing	Real business information and decisions can not be made based on the existing data. The decisions are more based on existing experience (as real time date is missing).	No real time data, no shared information	Cost, Performance and Value	Ineffective and inefficient	Data, Information	Standardization, Collaboration	Data governance, information architecture, scorecard, technology architecture
No real time decision making, relating scorecard to measurements, KPI	Since there are very few if any measurements, there is no real time decision making	The decision making level is involved when it is to late. The decisions now can only fix the problem, it can not really change nothing.	Relating business scorecard to performance measurements (KPI's)	Cost, Performance and Value	Ineffective and inefficient	Scorecard	Measurements	Data governace, information architecture, scorecard
Value is lost	Missing Value Drivers	Today only performance is measured in some areas, nobody knows the value drivers	Value is destroyed	Value	Inefficient	Data, Scorecard	Standardization, Measurements, Collaboration	Data governace, information architecture, scorecard, collaboration engine