



BUSINESS INTELLIGENCE I CORPORATE PERFORMANCE MANAGEMENT



BELGACOM

Delivering insight and predictive power in a rapidly changing market



- 1 SETTING THE SCENE
- 2 CHALLENGES
- **3** GOALS & OBJECTIVES
- 4 APPROACH
- 5 OUTCOMES



SETTING THE SCENE

Belgacom in a nutshell

Facts

- Largest telecommunications company in Belgium
- Revenue of EUR 6,3 billion (2013)
- Staff 15.700+























SETTING THE SCENE

Belgacom organization





Consumer Business Unit

Private customers



Enterprise Business Unit

Professional customers



Service Delivery & Wholesale

IT network & Services



International carriers

Joint venture Belgacom, MTN, Swisscom



Staff & Support

Group support functions



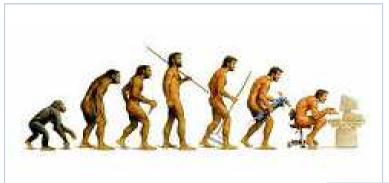


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EXTERNAL (R)EVOLUTION

Change is happening and will continue...



Evolution into the DATA ERA

CHANGE

FEAR IT



Speed - Access to everything, any time any place



Inter - Connectivity 'Ubiquitous customers'



Technology Rapidly changing products

INTERNAL

Data challenges we were facing day-in, day-out...



Planning process

Subsidiaries: 60

Cost centers: 1.300

Accounts: 1.600

■ Products: 4.500

■ ICT Customers: 4.200

• Cost objects ICT: 35.500

 HR team/function codes: 3.400

Planning users: 130

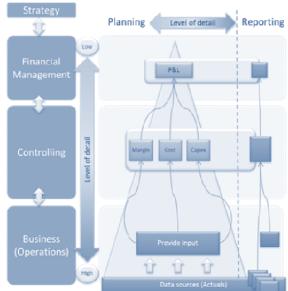
Reporting users: 250

- Flooded with data
- Hard to find the right information in different data sources
- Too much effort in admin, not enough time for analytics
- Inconsistent information
- Data quality need to "triple-check"
- Missing key information
- Inflexible need for more scalability

INTERNAL

Management challenges





- Silo structure Change management
- From 'volume & product' based to 'customer value management'
- Speed of delivery of information- Agility to rapidly changing environment
- Cumbersome decision simulation capabilities
- Hours of discussion on business definitions
- Unbalanced level of detail between management and operations
- Missing transparency on business drivers difficult challenging

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GOALS

Translating strategy into action

Strategic decisions

Transform way of working

Deliver Selective Innovation

Apply Value management

Boost Convergence Improve Customer Experience



Information needs

RELEVANT

CONTROLLABLE

ACTIONABLE

TRANSPARENT

OUT-OF-THE-SILO

FORWARD LOOKING

COST-EFFECTIVE



To...

FACILITATE STRATEGIC REFLECTION

INCREASE EFFICIENCY

HELP COMMUNICATE & CASCADE ACROSS THE ORGANIZATION

OBTAIN REFERENCE FRAMEWORK
TO SET PRIORITIES

ENABLE PRO-ACTIVE MONITORING
OF THE BUSINESS



OBJECTIVES

To be achieved during and beyond the project lifecycle



Drive change

- Not just to implement 'a tool', but seize opportunity as enabler to drive change
- Collaboration and transparency



Business process re-engineering

Thorough rethinking of the financial process and the planning model to increase efficiency and effectiveness



Implement integrated financial planning solution

- Long term planning (5Y)
- Budgeting
- Forecasting (rolling)
- Reporting



Solution that meets business needs, including

- Driver based integrated calculations
- Simulation capabilities
- Reporting and dash-boarding
- Workflow management





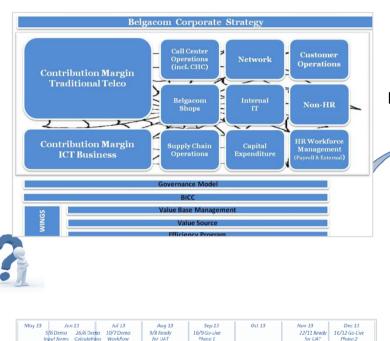


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APPROACH

Focus on delivering business value



F2F INT E2E UAT

Workshops per identified domain **Scoping:** do the right things first

- that deliver high business value
- that are most feasible
- with least effort...

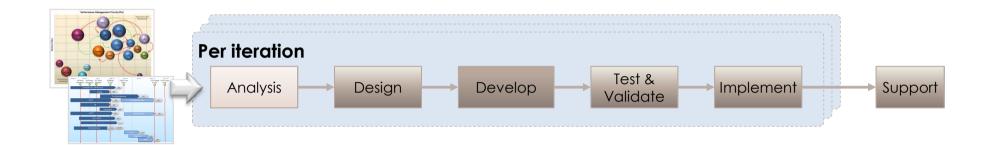


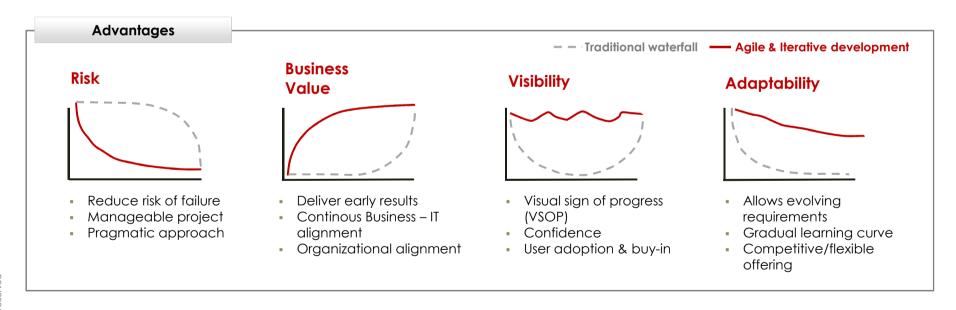
Iterative planning & implementation

Keyrus

APPROACH

Iterative approach

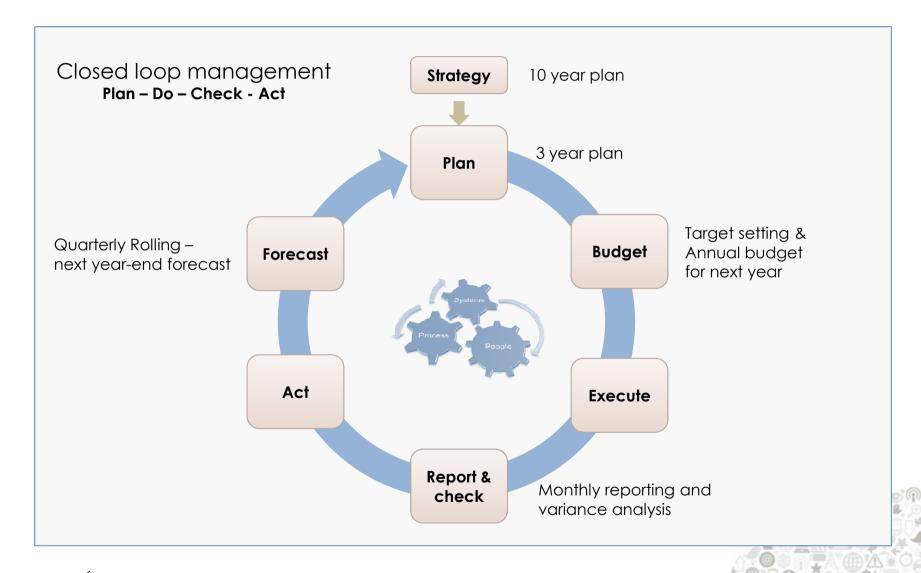




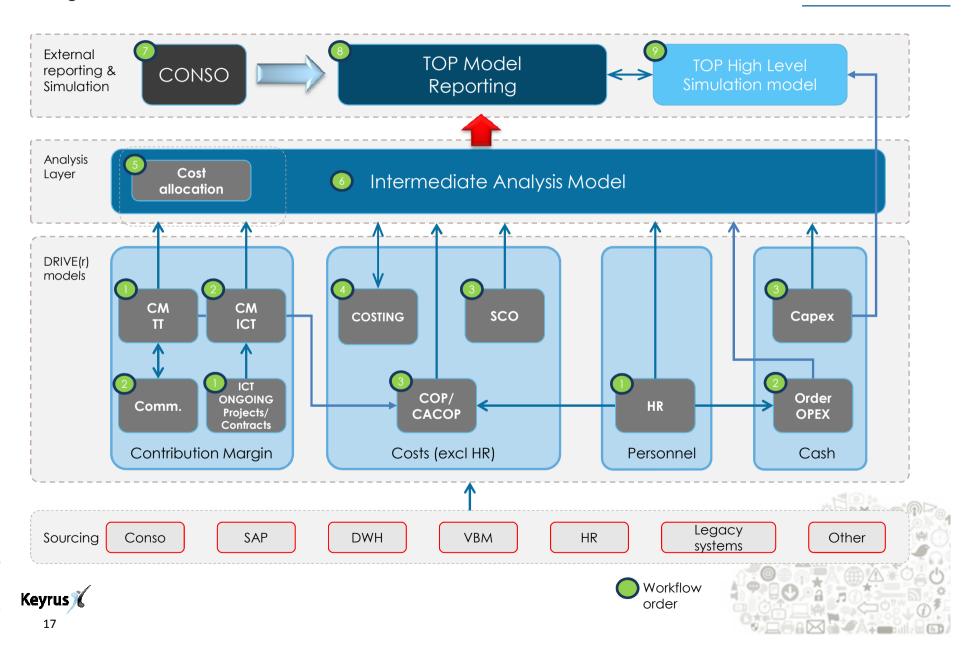
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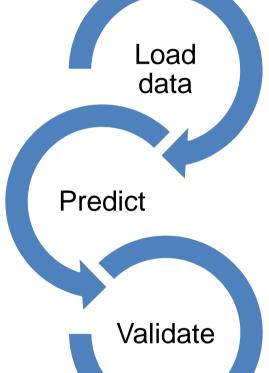
Process



Integrated business solution



Base principles of the integrated business solution



- Automatically load data from different sources
- Embedded data quality controls
- Analyse historical performance and progress
- Generate proposed baseline for future performance
- Incorporate business knowledge and adapt
- Share and transfer information via workflow to ensure integrated view
- Allow simulations and determine priorities
- Ownership and validation by local business management
- Final senior management approval and alignment

Benefits

Successful deployment

Project

- Delivered quality
- On time
- VERY SHORT TIME-TO-MARKET
- Within budget

Deliver the right information, to the right people,

at the right time...

to take the right decisions!

2 Increase efficiency

- Shift expert time to value adding activities (analysis & action)
- Less time consuming due to automation
 - > Links between different models (i.e. CMTT drivers to COP)
 - > Data integration master data
 - > Consolidation / aggregation audit trail log files
 - > Transfers between and history of versions (draft, final, previous)
- More accurate reporting and reduced risk on errors
- Standardization of input forms and AGILITY

Help communicate & cascade across the organization

- Talking the same language (i.e. "Play" notion between Mkt Fin)
- Balanced level of detail between different layers of the organization
- Increased transparency (i.e. cost allocation understanding)
- Focus the organization on agreed true business drivers
- Structured and collaborative workflow allows coordination of deadlines and clear status tracking
- Silo breakthrough (Business units Controlling Accounting Strategy)

Benefits

4 Facilitate strategic reflection

- Incorporation of 'Value based customer' and Multi-Plays
- Dedicated "What-if" simulation capabilities in separate model
- Decision testing support (scenario testing)
- Support for investment decisions

5 Enable pro-active monitoring of the business

- Automated "FCT baseline" generation, modifiable by the business user
- Better insight in future performance due to
 - improved data quality
 - consistency of delivered information
- Less dependency on key personnel (embedded logic in solution)
- Helps to provide quick answers to top-management ad-hoc request

6 Obtain reference framework to set priorities

- Collaborative discussion
 - > Finance: better view on operational drivers
 - > Business: better view on financial impact
- Visibility on key business drivers allows
 - > Efficient challenging
 - Profound target setting and goal stretching



Lessons learned

Critical success factors



Collaborative atmosphere

- Milestone oriented mind-set "Can do" spirit
- Keyrus Belgacom business proximity
- Executive support, combined with fast decision making
- Efficient knowledge transfer: integration of Belgacom resources in Keyrus team



Project team

- Flexibility and commitment of all team members
- Rigid, but flexible project management
- Frequent alignment
- Multidisciplinary & experienced resources



Customized approach

- Focus on functional design expectation management via "red flags"
- Integration of Quality assurance in delivery model
- Strict scope management
- Guided and constructive UAT process



MAJOR PITFALLS

Where did we suffer...

- "Disciplinary process" versus "Agile (short term) approach"
 - Business change requests
 - Resources, mind-set, skills, time-to-market
- Change management
 - "We were ahead of time...", true change drivers and support came later...but what if we would not have done it...
- Requirements definition and agreement
 - "Level of granularity" discussions for planning and reporting
- Business IT alignment
 - Ownership, buy-in and delivery of source data
- Learn fast from mistakes...
 - From firefighting to structural improvements







