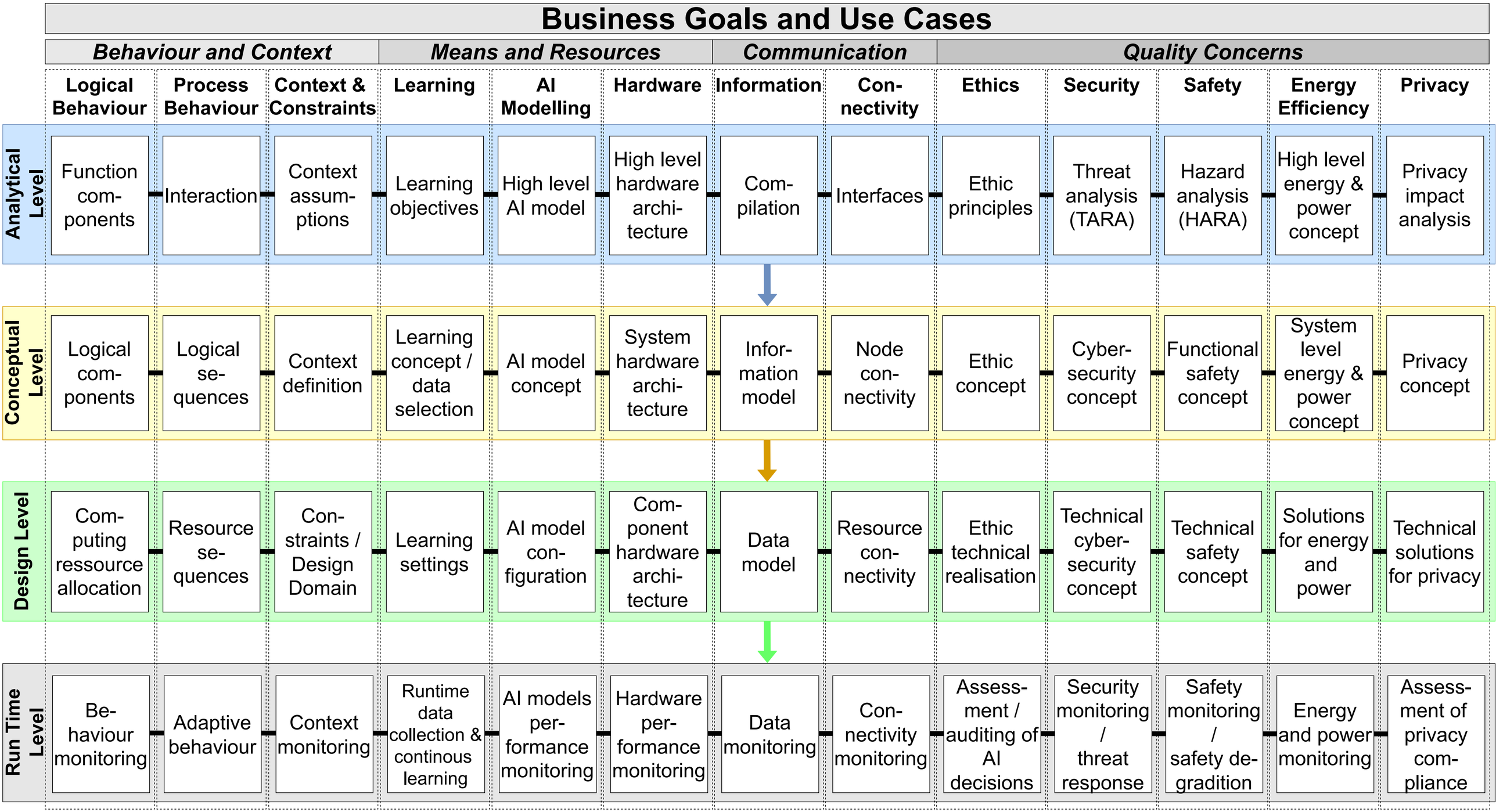
Business Goals and Use Cases
Behaviour and Context
Means and Resources
Communication
Quality Concerns
Logical Behaviour
Process Behaviour
Context & Constraints
Learning
AI Modelling
Hardware
Information
Con-nectivity
Ethics
Security
Safety
Energy Efficiency
Privacy
Analytical Level
Function com-ponents
Interaction
Context assum-ptions
Learning objectives
High level AI model
High level hardware archi-tecture
Com-pilation
Interfaces
Ethic principles
Threat analysis (TARA)
Hazard analysis (HARA)
High level energy & power concept
Privacy impact analysis
Conceptual Level
Logical com-ponents
Logical se-quences
Context definition
Learning concept / data selection
AI model concept
System hardware archi-tecture
Infor-mation model
Node con-nectivity
Ethic concept
Cyber-security concept
Functional safety concept
System level energy & power concept
Privacy concept
Design Level
Com-puting ressource allocation
Resource se-quences
Con-straints / Design Domain
Learning settings
AI model con-figuration
Com-ponent hardware archi-tecture
Data model
Resource con-nectivity
Ethic technical realisation
Technical cyber-security concept
Technical safety concept
Solutions for energy and power
Technical solutions for privacy
Run Time Level
Be-haviour monitoring
Adaptive behaviour
Context monitoring
Runtime data collection & continous learning
AI models per-formance monitoring
Hardware per-formance monitoring
Data monitoring
Con-nectivity monitoring
Assess-ment / auditing of AI decisions
Security monitoring / threat response
Safety monitoring / safety de-gradition
Energy and power monitoring
Assess-ment of privacy com-pliance