Framework suggestions

BUSINESS CHANGE BY PROJECT
'If you have four groups working on a compiler, you'll get a four pass compiler' Eric Raymond.

Framework	Type	Owner	When I use	Note
Praxis	Programme	Open Source	Cross-company	
MSP	Programme	Axelos	Government / large programmes	
P3M3 Project Maturiity	Portfolio, Programme, Project	Axelos	Where capability is not understood	
Digital Practitioner	Enterprise	Open Group	Multi-year Digital capability	Very strong across enterprise
P30	Enterprise	Axelos	Select relationship between multiple PMOs	
Enterprise /Cloud Project Management	Programme, Project	Atlasssian, Microsoft, Asana	Standardised project data model	Jira, Project Online +Azure, Asana
Lean start up	Enterprise	Ries	High-speed iteration	Complement with Bi-modal approach at portfolio level
Agile	Project, Product	Community	Innovation, Prototyping	Scrum, Kanban, TDD, Cynefin
Bespoke / blended approach	Portfolio, Programme	Self and partners (Open Source)	Enterprise is on a journey of understanding what it wants to acheive	https://lawrencerowland.github.io/Portfolio-frameworks.html
APM BOK AND PMBOK	Programme, Project	APM & PMI	Where company has PMs already using	Good for high-risk environments

OPERATIONAL MODELLING, DESIGN AND ARCHITECTURE
'The world is a large matrix of interactions in which most of the entries are very close to zero' Herb Simon

Method/ framework	Type	Owner	When I use	Note
Strategy->TOM assignments	TOM design	Deloitte	Strategy articulation stage where Value Chain analysis has occurred	Proprietary
As one	TOM Framework	Deloitte	Collective & distributed leadership	Archetype based, with strong narrative
Organisational DNA	TOM Framework	Strategy& (PWC)	Decision rights, info, motivation, structure	Proprietary. survey based
DSM matrices	TOM design	Open, but start at dsmweb	whiteboard support. great at flipping from matrix to flow and vv.	very fast, adjacency matrix focus

Framework suggestions

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eTOM	TOM Framework	Telecoms Sector	Telecoms / B2B	
StrategicModels	TOM design	Strategy& (PWC)	Where financial model & cost structure available	Proprietary deck
Upper ERP Ontology	Ontology	Macris 2006	Where focus is on a heritage ERP	
Process Classification Framework	Classification	APQC	One per sector	data based KPIs
Value chains	TOM design	Strategy& (PWC)	Strategy articulation stage	Many non proprietary available
Value streams	Analysis tools	Various	Upfront of TOM	
Wardley	TOM design	TOM design	technology maturity	very fast
Zachman	TOM Framework	Zachman	Client is Zachman enthusiast!	Also available in OWL
BA BOK	Analysis tools	IIBA	Project or sector level	
BPMN	Language	Object Mgt Group	Heritage of BPMN use. Where activity diagrams key. No business rules.	also available as ontology. also bpmn.io
OWL	Language	W3C	Semantic driven organisation	Also works well where there are product KGs
Protege	Tool	Stanford	Ontology manipulation	
KBPEDIA	Ontology	Bergman	Initial subgraph with high level ontology	includes 7 ontologies
System archetypes	Analysis tools	Senge	Dynamic / feedback dominant	Complement w Loopy/Kumu
Excel Capability map	Classification	QuoteToCash HireToRetire PlantoDeliver ProcureToPay	Manufacturing & logistics sectors	Excel based 3 tier capability map against value chain
EAS	Tool	EAS	Business faceting	Proprietary tool w Community version
TOGAF	Process Framework	Open Group	big-wave enterprise cultural shift	
Open Agile Architecture	Process Framework	Open Group	(pending testing)	
IT4IT	TOM Framework	Open Group	IT delivery + Ops	strong core.
System Engineering Lifecycle	Standards	EU-BS Standards 15288 downwards	Critical systems	Best complemented with Integration / Commissioning

Framework suggestions

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Innovator's solution	Framework	Christensen	Large firms facing disruption	
Archimate	Language	Open Group	Archimate tool	Also tool
UML	Language	OMG	When less constrained than BPMN.	Yuml etc.Multiple diagram types.
MBSE	Language	SysML as language	Tom Sawyer software etc	
Project-based enterprise	TOM Framework	2010 Wikstrom et al	Companies delivering projects	
KR Practionary	Knowledge Representation	Bergman 2019	Enterprise w semantic and long term interests	Successors to Expert Systems
KBPEDIA	Ontology	Thorough, clean	High level	
History-friendly modelling	Sectoral Model	Malerba, Nelson 2016	Identify correct sector parameters prior to	Dynamic model. Code available
Holocracy	TOM Framework	Robertson 2014	Flat elective organisations, charities	See also Team of Teams

OPERATING MODEL VIA SCHEMA

'Not a few deliberate strategies are simply emergent ones that have been uncovered and subsequently formalized' Mintzberg 1985

Method/ framework	Type	Owner	When I use	Note
Graph databases	Language	Neo4j, etc	Emergent . from schema.	Also tool. Cypher. Property graph
schema.org	Schema	Google et al	Markup generators	linked Data
Common Data Model	Schema	Microsoft	Where flows similar to MS Dynamics	Start from Visual Entity Navigator
EPM tool structure	Schema	Some data already in this format	Less meaningful	e.g. Jira, Asana, MS Project, P6 Implied by APIs
Nuclear Organisations	Standards	ONR	Nuclear sector	Complement with NDA
UniClass2015	Classification	Construction terms. Includes PM	Relationships and access	Forced items into single class
P6 planning schema	Task oriented Schema	Oracle	Useful when reverse engineering supply chain structure	Schema available in API descriptions
ifcOWL	Entity oriented ontology	buildingSMART	BIM contexts	