Cross-Border PMI for Value Creation

Nomura Research Institute Consulting Division

October 2022







Agenda

- Why PMI?
- NRI's PMI Solution

Why PMI?

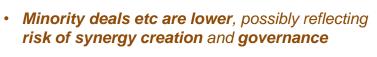
Premium on

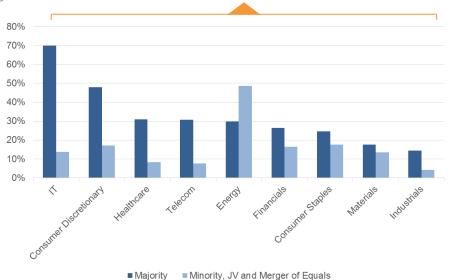
Target's Stock1

In fact, in the past decade Japanese buyers have been paying around 30% price premium in majority deals across different industry verticals

Valuations Are Higher in Majority Deals

 Overall, Japanese buyers are paying at least around 30% price premium on majority transactions across most sectors







Deal Owner in Japanese Multinationals (Consumer & C&I products)

Strategic Investors' Concerns over the Success of Deals

"...traditionally, we prefer full buyout of crucial assets, paying higher premium in return for control to drive synergy. Meanwhile, in recent years we are also seeing increasing number of strategic minority deals particularly in high-tech or new applications, where existing shareholders eg funds wish to stay in the game."

"In either case, our executives are equally concerned – for majority deals, whether target's business plan and synergies can be achieved in order to support valuation and price premium; and for minority transactions, whether we are equipped with the rights and tools to drive synergy and protect investment at all."

Median Target Stock Premium, one day prior to announcement

Why PMI?

However, many Japanese buyers are not fully ready for, or capable of, driving a successful cross-border PMI

73%

69%

69%

Typical Challenges in Cross-Border PMI

Opinions of NRI Clients on Cross-Border PMI

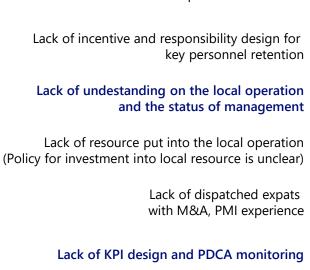
Lack of preparation during pre deal phase





- In the past, Japanese companies and foreign companies have been building totally different system. There was a bigger than expected gap between the 2 companies in both business and functional aspects
- Therefore, sometimes obvious synergies are much less than first anticipated

Lack of resource after closing





• Initially, integration work was regarded as an extension of daily business. Knowledge and resource was lacking at the start of PMI work.

- Learning from the PMI; Both parties must discuss in depth and agree on the plan to realize synergy
- For this to happen, goal image must be shared among both parties



 Governance system/rule must be implemented, because heavy reliance on the expats will create unnecessary HR risk

 For mid-term plan (and other plans) implementation, agreement with the management, explanation to local employees and clear KPI with monitoring process must be presented

Lack of governanc e from the **GHQ**





Why PMI?

60% of the M&A deals have deteriorated the shareholder value. Proper deal management and PMI is important to avoid such risk.

The Issue

Key Focus Areas to minimize risks

M&A deals are successful when:

Acquirer's Standalone Value

Target's Standalone Value

Merged Entity (Acquirer + Target's combined value after synergies realized)

Synergy assessment

- Accurately calculate the potential synergies during valuation using sensitivity analysis, to simulate scenarios of optimistic and pessimistic views
- Incorporate the pessimistic view into valuations and bids, to minimize the risks
- Include the resources and investment required to realize the synergies into the valuation and integration plan

However:

of M&A deals destroy shareholder value* (including in-in)

Realizing synergies

- Synergies identified pre-deal should be converted into targets and projects with deliverables at deal close
- PMO should track and monitor the projects and results against the synergy targets to assure the estimated value is realized during the PMI process
- Allocate the proper amount of resources to manage and execute synergy projects to realize value

Because:

Despite the importance of accurately identifying and calculating company synergies, diligence work frequently results in an overly optimistic view of the synergy opportunities, and companies underestimate the effort required to realize the synergies

Missed **Opportunities**

- The merged company should collaborate to identify any missed opportunities for synergies on the revenue and cost side using proven frameworks
- Revenue upsides can include complementary products, geographies, and customers, patents / IP, etc.
- Cost savings can include supply chain efficiencies, shared IT, lower SG&A costs, R&D synergies, etc.

The challenge of ROI / TSR enhancement lies in all steps across deal flow

Phase	Pre-Closing	Post-Clo	sing
Deal Flow	Deal Closing	PMI (100-Day Plan)	Post PMI
Common Issues	* "BLACKOUT" BETWEEN DA(1) AND CLOSING	MISSING OF VISION AND STRATEGY GUIDANCE	* INEFFECTIVE PDCA & EXPAT- DEPENDENCY
	 WHAT HAPPENS? Buyside Deal Team often places too much emphasis on reaching definitive agreement itself, with little or no preparation for post-closing events YOUR RISK? In majority transaction, buyer loses precious opportunity window to prepare integration and key men retention (ie time loss and higher future communication cost); As for minority investor, without appropriate "protections", estimated synergy or return on investment may have lower chance of delivery Definitive Agreement 	consensus), integration work might only focus on short term view &	Agreed initiatives and protocols are often without PDCA in post-PMI operations; also, in many cases, key information exchange and decisions are reported / made by expats from Japan, creating a closed loop and "black box" in management YOUR RISK? Momentum of integration and sense of trust may be eventually lost and hard to rebuild

- Why PMI?
- NRI's PMI Solution

NRI has a proven framework to assist clients with PMI. Operating model is crucial and needs to be aligned with the business strategy.

Key action items in PMI

		Key action items in Pivii
Management Strategy	Mission/Vision/Value	 Communicate mission/vision/values of buyer to each business unit and corporate organization Communicate mid & long-term vision and strategy with execution teams
	Financial Ambition	 Need to plan and execute quantified synergies prior to deal Breakdown the quantified synergies to executable level by BUs or functional team.
	Positions and Brand	Assess the target branding value and strategize the branding for the future
Business	Markets	 Define the target market utilizing target's customers, channels and product/service Strategize the new market entry by maximizing the deal synergy
Model	Customers and Channels	 Design the customer portfolio for short, mid and long term considering cross sell opportunities Prioritize the customer based on the future state business model
	Core Business Process	Design and implement target operating model by using buyer's standardized model or enhanced target's model to provide standardized KPIs and maximize the cost synergies
	Operational & Technology Infrastructure (IT)	IT infrastructure including ERP, BI, HCM, Demand management, etc. is a key component in TOM which will support entire operating model and is most time and money consuming to implement in PMI
Operating Model	Organizational Structure	Design new organization structure if necessary, to follow the new role and responsibilities or comply with new company policy
	Risks & Controls (Governance)	Implement financial controls (SOX, etc.) and delegation of authority based on the buyer's guideline to minimize the risks
	People & Culture	Cultural gap could be a potential barrier for PMI. Cultural assessment should be performed to minimize the risks of PMI

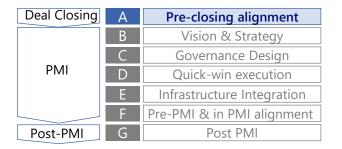
minimize the risks of PMI

Seven modules to fully align pre-closing, in-project, and post-PMI operations

Phase	Pre-Closing	Post-Clos	ing
Deal Flow	Deal Closing	PMI (100-Day Plan)	Post PMI
Solution Modules	A PRE-CLOSING ALIGNMENT eg via the creation of "Post Acquisition Charter" Define synergy items to be aligned and executed with Target Build consensus through events & documentations eg leadership workshops, synergy creation charter, MoU, or collaboration agreement, as groundwork for PMI and long term value cocreation	B VISION & STRATEGY • Form long term view to guide through synergy creation and collaboration GOVERNANCE DESIGN • Engineer transparent rules of authority and delegation based on group strategy DQUICK-WIN EXECUTION • Deliver immediate impacts from sales & marketing development, and operations E INFRASTRUCTURE INTEGRATION • Align key tasks in Finance, HR, and IT	 G POST-PMI PROTOCOL Implement operational manual of post-PMI initiatives and PDCA mechanism Create specific protocols between key organizations / key men / key processes between the firms
		F PRE-PMI & IN-PMI ALIGNMENT BY PMO Align and agree on detailed tasks and rules / tools for smooth project operation Coordinate agenda among stakeholders	

Introduction of each module

Leading to optimal PMI design aiming at mutual understanding/respect and long term integration



Issues to be Addressed During Pre-Closing Alignment

Majority Transaction

Vision / Strategy

- Build a common understanding of the Buyer's strategic objectives of the transaction
- Agree on a preliminary range of targets to achieve the 5-year business plan

Governance

Agree on the principal of governance

Minority Transaction

- Build a common understanding of the Seller's expectation towards the Buyer
- Agree on clear targets to achieve the 5-year business plan
- Agree on the extent to how much control the Buyer will possess, i.e. how many BOD members may be dispatched to the Seller's board, voting / veto rights and other issues associated with BOD operation

Synergy

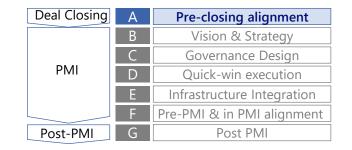
• Build some synergy hypothesis and major directions which may be achieved from the transaction

100 days plan

- Select key members of the Team / WGs from both the Acquired co. and the Buyer to promptly commence the 100 days plan development process from Day 1.
- Set tentative agenda for each WG.

• Same as the majority case, however, inclusion of such item in a document (e.g. Strategic Cooperation Agreement) is recommended for assurance

ANRI will support to facilitate the discussion in order to develop "Post Acquisition Charter", which includes items captured in previous page

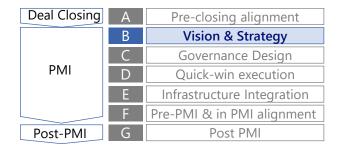


A. PRE-CLOSING ALIGNMENT: leading to optimal PMI design aiming at mutual understanding/respect and long term integration

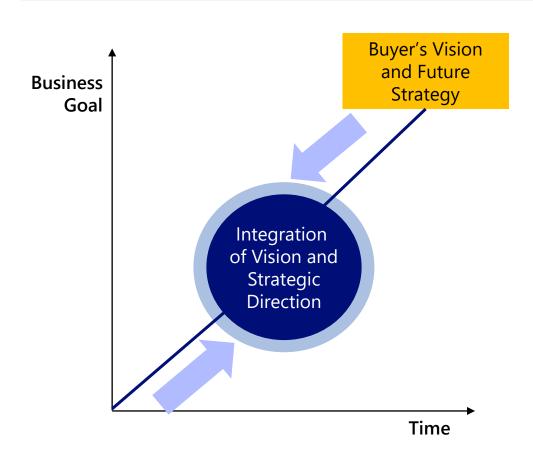
Acquired Co's Intention Buyer's intention Maximize the potential Minimize the change to growth and return from daily business in order the transaction to meet the target business plan Crash of Maximize the level of opinions governance of the Minimize involvement from both Acquired company to of the buyer in terms of parties governance to maintain keep in control of the speedy business company decisions

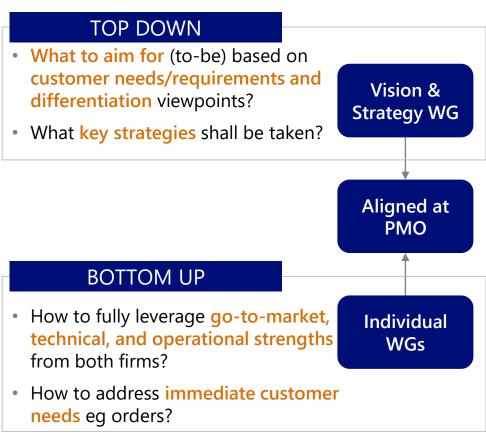
Value of NRI: NRI will facilitate the discussion as a third party team to create a fair and agreeable post acquisition charter to build consensus between the Buyer and the Acquired Co.

Guiding long term value creation via thorough alignment of vision and future strategies - framing the fundamental mindset

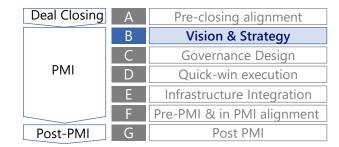


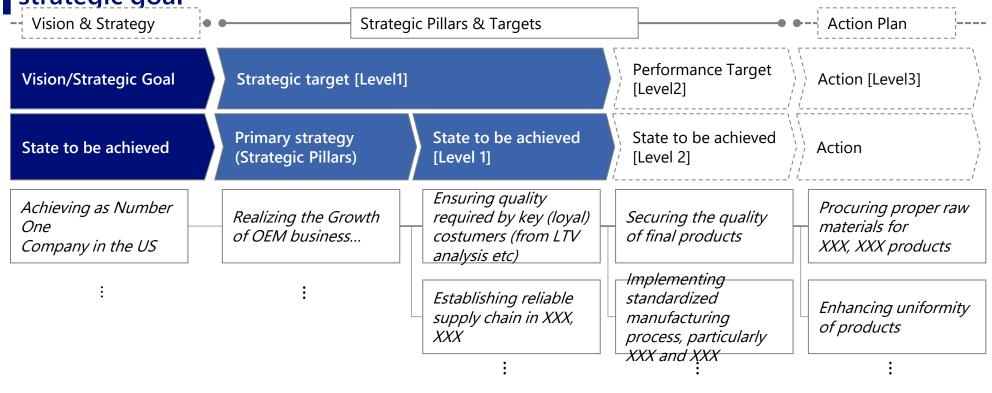
Vision & Strategy as Key Guidance in Integration Work





Guiding each individual WG and initiative/action discussion to ultimately fulfill shared vision and strategic goal





Set up Meaningful **Objective of Business**

Ex) Doubling sales volume by 20XX

Set up Strategic KPI

Ex) "Share of specific customers' procurement" to reach 10% by 20XX

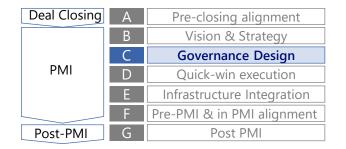
Set up KPI for Each Target

Ex) "Percentage of products meeting standard quality" to reach 99.9% by 20XX

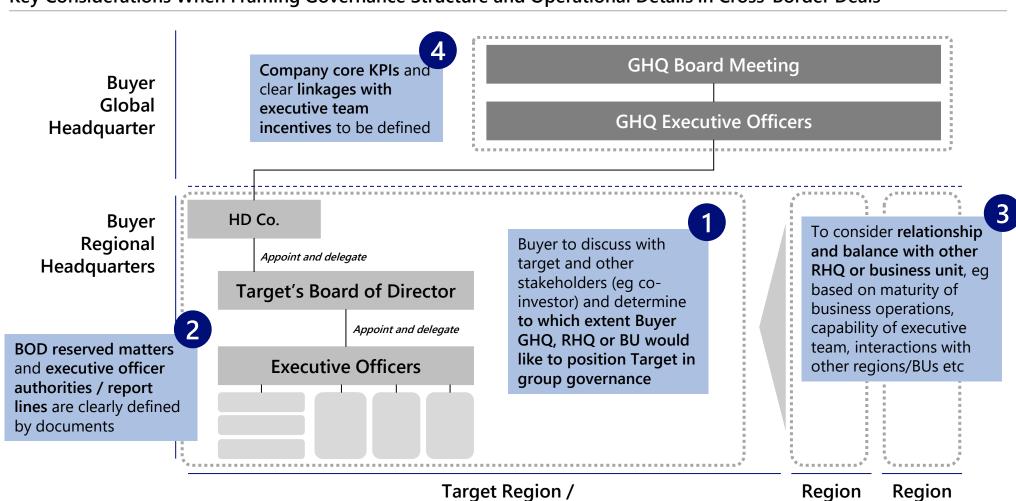
Set up Progress KPI for Each Action

Ex) "Percentage of purchased raw material items from suppliers" to reach 80% by 20XX

Ensuring high transparency in decision making across management levels



Key Considerations When Framing Governance Structure and Operational Details in Cross-Border Deals

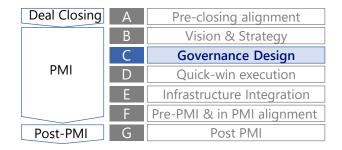


Business Unit

egion Re_? / BU /

Region / BU

Output images of governance related discussion/alignment materials during assignment

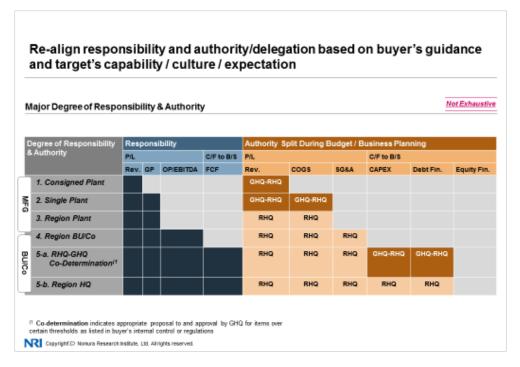




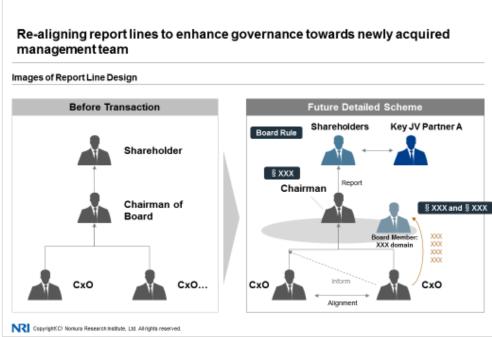
Strategic / Management Level

Daily Operation Level

Appropriate Positioning of Target in Future Group Ops

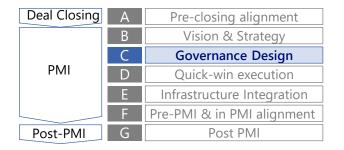


Report Line Design to Remove Blackbox in Daily Ops



To be planned by NRI and buyer deal team, and to be fully aligned with Buyer and Target's top management

Detailed guideline of collaboration platform / organization and key process can also be tailored to meet integration needs

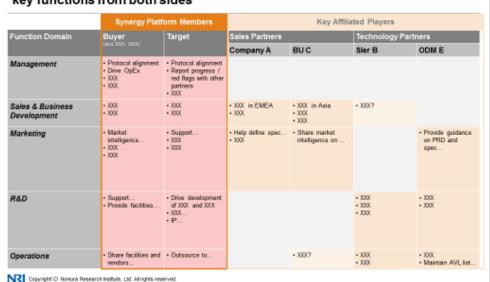


Strategic / Management Level

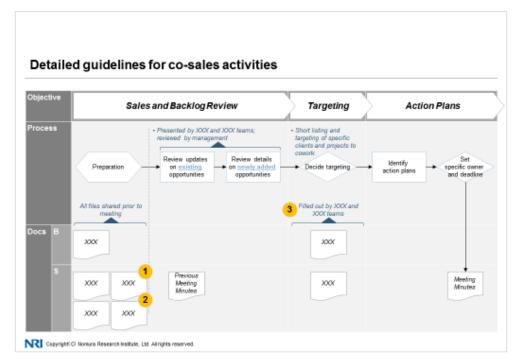
Daily Operation Level

Design of Integration/Collaboration Platform

Creation of synergy platform (organization) consisted of core members from key functions from both sides

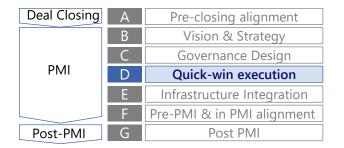


Alignment of Key Cross-Functional Process/Protocol

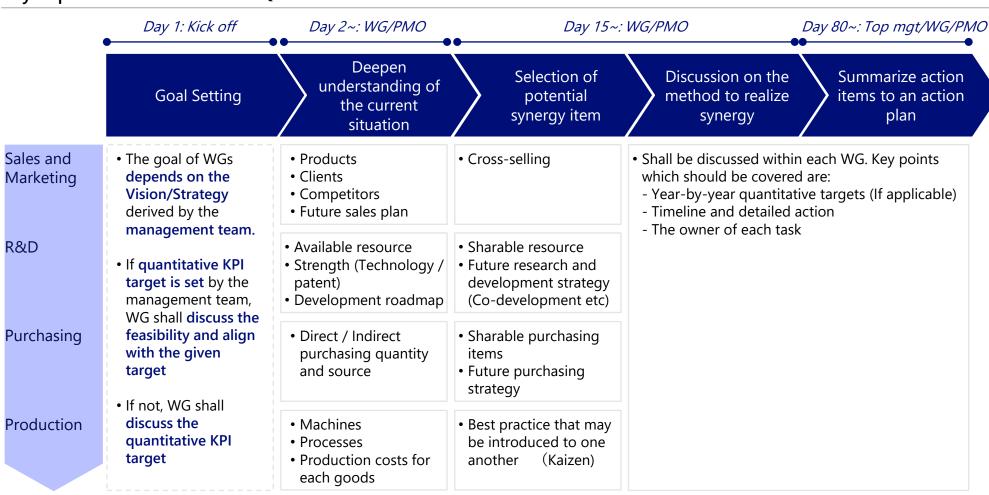


To be created by process owners and closely aligned with Buyer and Target during the course of integration project

QUICK-WIN EXECUTION (eg sales & marketing, development, operations)



Key Aspects of WG Related to Quick-Wins



NRI will take dependencies of each WG into consideration when designing the WG structure



A focused 3 step approach will guide to identify the synergy opportunities and develop the synergy tracking tool

Deal Closing Pre-closing alignment Vision & Strategy Governance Design PMI D **Quick-win execution** Infrastructure Integration Pre-PMI & in PMI alignment Post-PMI Post PMI

Capture baseline

Develop synergy case

Develop synergy tracking tool

Identify stakeholders from both divisions

- Collect baseline data
- Interview stakeholders and validate baseline
- Confirm and agree baseline information and data
- Develop initial financial model

- Review and validate existing synergies and identify new synergy case
- Formulate hypothesis from interview and collected data
- Define prioritization criteria and prioritize opportunities
- Identify quick wins
- Quantify financial impact from informed and analyzed synergy case
- Update financial model

- Finalize financial model
- Consolidate outcome and review with cross workstream team
- Define roles
- Final review

Current state of sale/marketing operations

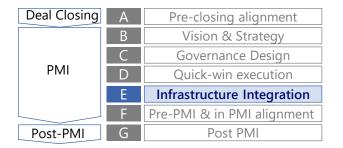
- Validated performance levels across key metrics
- Financial model based on the baseline
- Broad (synergistic) and focusedimpact hypothesis identified across two division (entities)
- Prioritization criteria
- Quick win list
- Documented synergy case
- Quantified financial impact from informed and analyzed synergy case
- Updated financial model

- Finalized financial model
- Finalized synergy case with financial impact

Deliverables

Key Activities

NRI could cover IT infrastructure integration as well as HR and finance infrastructure integration



■ E. INFRASTRUCTURE INTEGRATION (eg HR, Finance, IT)

Key Agenda to be Covered During Infrastructure Integration

HR

Retention of and Protocol with Key Management

- Roles & responsibility, reporting line, retention/compensation of key management, succession plan etc
- Structure and Fundamentals of General HR System
 - Overall HR quideline/strategy, job grading, salary table, appraisal scheme, promotion, labor relationship etc
- Talent Management
 - Training / development program, rotation, key talent pooling, etc
- Cross-Cultural Integrations
 - Communication plan, sharing and introduction of history / philosophy / core values, integration events etc

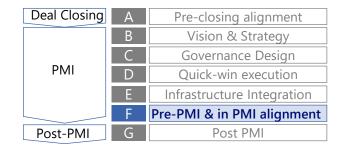
Finance

- Closing Works
 - Closing account, PPA etc
- Financial Reporting Standard and Consolidation
 - Overall Finance guideline/strategy, Local accounting principle and IFRS, consolidation package etc
- Budgeting & Reporting
 - Budget rules, development of new budget and mid/long term forecast, reporting format & rules etc.
- Quick-Win Implementation
 - For instance, optimization of group's debt financing structure, consolidation of auditor services etc

IT

- Integration of IT Infrastructure
 - Overall IT guideline/strategy, front office system (eg sales & CRM, product marketing eg PLM), back office system (eg ERP, accounting, identification & security, communications), operations (eq MES) etc
- Co-Procurement of Software and IT Devices
 - Cost reduction potential by coprocurement etc

Finalizing the right (and realistic) agenda setting, resource allocation, and tool design



Key Aspects of Pre-Kickoff and In-Project Alignment



To do

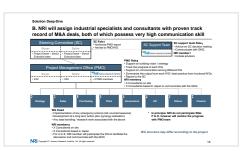
- Both the Acquired Co. and the Buyer nominate members of each functional WGs, who are capable to understand and discuss about synergy effects
- WG members to discuss and agree on the goals of the WG, which should be aligned with the vision/strategy provided by the top management
- Progress of the WG shall be tracked to make sure that the WG is functioning to reach the goal.
- Any guidance from the top management shall be provided, if necessary

PMO role

 Facilitate the discussion in deciding the members.

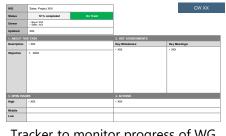
 Facilitate the discussion in deciding the goal of the WG

- Prepare tools for tracking
- Request WGs to submit the trackers (usually, weekly)
- Discuss with the top management team for any guidance with WG activity



			Task			Deadine	Owner (S	
	Level 1	Level 2		Level 3	Specific Goal / Output		XXX	XXX
talies	XXX	3000	1-01-01-01	300X	300X	xxx	XXX	хох
			I-01-01-02	300X	300X	XXX	X00X	хоох
			I-01-01-03	X00X)00X	xxx	XXX	xxx

the tasks of each project within WG



Tracker to monitor progress of WG

Source: NRI

The IMO will facilitate meetings to monitor and report the status of tasks on a regular basis

Deal Closing Pre-closing alignment В Vision & Strategy Governance Design PMI **Quick-win execution** D Infrastructure Integration Pre-PMI & in PMI alignment Post-PMI Post PMI

Working Group

Key Integration Activities (Samples)

Meeting Objectives

- To provide transparency on PMI tasks and activities to leadership
- 2. To manage WGs and cross-functional topics with decisions/guidance from management

Day 100 Task Progress Chart	İ				
# of tasks	Not Started	WIP	Complete	N/A	In total
1. Business Development	-	10	15	13	25
2. Operations	-	5	42	-	47
3. Governance	-	2	9	1	11
4. IT	1	8	10	7	19
5. HR	-	3	11	-	14
6. Finance&Accounting	-	17	72	-	89
7. Legal	1	11	30	1	42
8. Communication	1	12		-	22
in total	2	68			260

iii totai	0		_ \	200
	ample	outpl	Jt /	
%	alde,		Complete	In total
1. Business Developm	31111	40%	60%	100%
2. Operations	0%	11%	89%	100%
3. Governance \	0%	18%	82%	100%
4. IT	5%	42%	53%	100%
5. HR	0%	21%	79%	100%
6. Finance&Accounting	0%	19%	81%	100%
7. Legal	2%	26%	71%	100%
8. Communication	5%	55%	41%	100%
in total	1%	25%	74%	100%
Last week	2%	30%	68%	100%

1. Bus	siness
Develo	pment

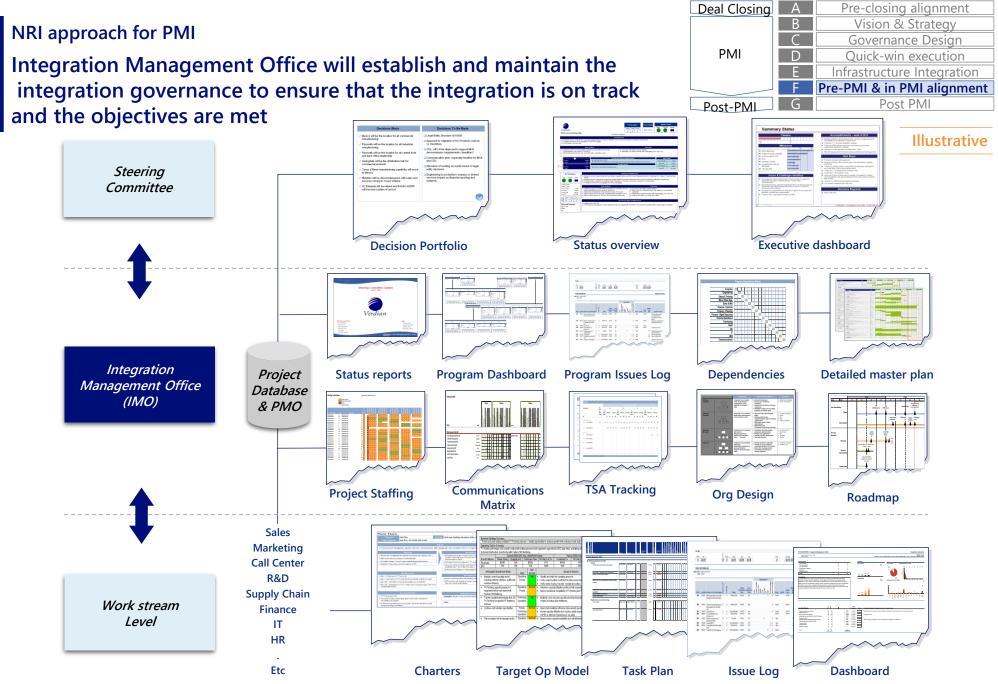
- Meetings and workshops to prioritize potential synergies (customer access, cross-selling, alliances and partnerships)
- 2. Operations
- Identify any operational synergies (tools, methodology, talent)
- 3. Governance
- Establish reporting tipole LACTIVITIES
 Finalize governance policies and Doloration
- Slicies and Delegation of Authority (DoA)
- Conduct fit and gap assessment of policies and rules

4. IT

- Develop "IT Strategic Plan" to maximize synergies
- Comply with IT internal audit guideline

- 5. HR
- Ensure all employees have minimal disruption from Day-1 (salary, benefits, etc.)
- Achieve post-merger cultural integration
- 6. Finance & Accounting
- Finalize system for reporting on financial metrics
- Define reporting guidelines and compliance (US GAAP / IFRS)

- 7. Legal
- Ensure business-as-usual environment with minimal disruption from Day-1
- Support smooth deal handling, including legal document review
- 8. Communications
- Develop and execute communication plans for all stakeholders
- Develop PR plan with press releases and external / internal communications Copyright (C) Nomura Research Institute, Ltd. All rights reserved.



Implement a set of clear, back-to-normal (ie no redundant organization or dual owners) operation rules for long term integration

Deal Closing Pre-closing alignment В Vision & Strategy Governance Design PMI D **Quick-win execution** Infrastructure Integration Pre-PMI & in PMI alignment Post-PMI G **Post PMI**

Delivering Transparency in Post-PMI Operations

Shared Vision & **Objectives**

Market Intelligence

Growth **Aspiration**

Initiative Planning Governance **Structure**

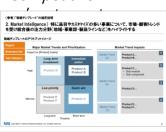
Mutual understanding of foundation of partnership

- Philosophy
- Vision
- Scope and objective of business etc.



Sharing view on market dynamics & value drivers

- Market landscape of demand and supply
- Trend and innovation
- Competitive



Outlining growth and value creation strategy

- Customer needs
- Key strategies & tactics
- Target market share and topline



Defining key initiatives during and post PMI

- List of initiatives by business / geography / function domain
- Priority and ownership
- Status and impact etc



Ensuring transparency in long term, daily operation

- Governance structure
- Authority and delegation
- KPI and PDCA etc



Nomura to deliver a fully aligned, highly operational handbook at the end of PMI, helping buyers establish a consistent & transparent operation model

