

# 1 Re-design and embed Risk Appetite Statement

	Year 1 priorities <sup>1</sup>	Years 2-3 priorities
Re-design RAS for SHUSA enterprise	<ul style="list-style-type: none"> <li>▪ <b>SHUSA Board-level Risk Appetite Statement</b></li> <li>▪ <b>RAS reporting, breach escalation and breach penalty mechanism</b></li> <li>▪ Preliminary RAS communication and socialization materials</li> </ul>	<ul style="list-style-type: none"> <li>▪ Delivery of complete, enterprise-level RAS communication and socialization materials</li> <li>▪ Updated RAS, particularly as risk measurement and aggregation across the enterprise improve</li> </ul>
Cascaded RAS at subsidiary, BU levels and individual risk types	<ul style="list-style-type: none"> <li>▪ Approach to cascading SHUSA level Risk Appetite Statement to subsidiaries and levels below</li> <li>▪ RAS for all subsidiaries/BUs (aligned with overall SHUSA RAS)</li> <li>▪ RAS reporting, breach escalation and breach penalty mechanism (cascaded version)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Delivery of complete, enterprise-level RAS communication and socialization materials (cascaded version)</li> </ul>
Embed RAS in material processes	<ul style="list-style-type: none"> <li>▪ <b>Delivery of Board-level RAS training:</b> <ul style="list-style-type: none"> <li>• <b>Materials</b></li> <li>• <b>Delivery</b></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Updated process maps for key processes with explicit links to RAS, at a minimum: <ul style="list-style-type: none"> <li>• Strategic planning</li> <li>• Capital planning</li> <li>• Stress-testing projections</li> </ul> </li> <li>▪ Completed cycle of strategic / capital planning with explicit linkage to RAS</li> <li>▪ Delivery of enterprise-wide RAS training, and prepare: <ul style="list-style-type: none"> <li>• Materials</li> <li>• Delivery</li> </ul> </li> </ul>

<sup>1</sup> Preliminary view – pending verification against CCAR and IHC requirements

**Bold = High priority (by Aug 31 2015)**

## 2a Strengthen Board and Management oversight

Draft

2

	Year 1 priorities <sup>1</sup>	Years 2-3 priorities
Strengthen SHUSA Committee guidance	<ul style="list-style-type: none"> <li>Review of Risk Management Committee oversight effectiveness</li> <li>Governance and co-ordination mechanisms within Group (i.e. engagement model in terms of linkage between SHUSA and Parent Group committees, etc.)</li> <li>Board Risk Committee reporting</li> <li>Updated committee composition, mandates, charters and compensation structure for high priority committees</li> </ul>	<ul style="list-style-type: none"> <li>Implement committee changes for remainder of committees</li> </ul>
Set a strong 'Tone at the top'	<ul style="list-style-type: none"> <li>Revised and consistent risk-related messaging (link to articulation of 'risk culture'):               <ul style="list-style-type: none"> <li>Risk management vision / values</li> <li>Detailed communication and socialization plan to embed vision / values</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Ongoing 'tone at the top' risk-related messaging</li> </ul>
Develop link between risk mgt. and performance assessment and compensation	<ul style="list-style-type: none"> <li>Risk based / risk aware performance assessments and compensation framework and principles (particularly for Material Risk Takers):               <ul style="list-style-type: none"> <li>For Risk Management leadership /staff and Business Executives, develop relevant performance metrics and set targets</li> <li>Combine target metrics into a balanced scorecard that includes non-financial metrics</li> <li>Ensure structured formal Risk input into performance assessment</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Performance assessment and compensation framework embedded across the organization for:               <ul style="list-style-type: none"> <li>Risk Management leadership</li> <li>Risk Management staff</li> <li>Business executives</li> </ul> </li> </ul>
Continue and enhance Risk training for the Board Risk Committee	<ul style="list-style-type: none"> <li>Risk training curriculum and schedule for Board Risk Committee including:               <ul style="list-style-type: none"> <li>Training materials</li> <li>Detailed risk training objectives</li> <li>Assessment and improvement processes</li> <li>Delivery</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Ongoing training delivered to Board Risk Committee</li> </ul>

<sup>1</sup> Preliminary view – pending verification against CCAR and IHC requirements

**Bold = High priority (by Aug 31 2015)**

## 2b Enhance Limits and Controls Framework

Draft

3

	Year 1 priorities <sup>1</sup>	Years 2-3 priorities
Review and update credit process controls and limits for underwriting and origination	<ul style="list-style-type: none"> <li>High level review of credit process limits / controls</li> </ul>	<ul style="list-style-type: none"> <li>Review and update of credit risk delegation of authority and escalation process (in terms of ownership and work-steps)</li> <li>Updated origination controls/limits</li> <li>Updated workout controls/limits</li> </ul>
Define limits and controls for market risk / trading assets		<ul style="list-style-type: none"> <li>Review limits / controls related to market/trading risk instruments</li> <li>Review potential exposure limits at target level of granularity (e.g. by desk, by asset class)</li> <li>Review and update of market risk delegation of authority and escalation process</li> </ul>
Define risk oversight framework for IRR / liq. risk	<ul style="list-style-type: none"> <li>Framework for risk oversight of key IRR and liquidity risk assumptions and parameters</li> </ul>	<ul style="list-style-type: none"> <li>Articulation of key controls for each IRR and liquidity risk, based on gap analysis</li> </ul>
Identify key controls for compliance risk		<ul style="list-style-type: none"> <li>Review of compliance risk framework and remediation actions (see non-financial risk management)</li> </ul>
Issue management system	To be led by operational risk	

<sup>1</sup> Preliminary view – pending verification against CCAR and IHC requirements

**Bold = High priority (by Aug 31 2015)**

## 2c Re-design operating model and talent management

Draft

4

	Year 1 priorities <sup>1</sup>	Years 2-3 priorities
Rationalize risk org structure	<ul style="list-style-type: none"> <li>Future risk organizational model for SHUSA / subsidiaries               <ul style="list-style-type: none"> <li>Full definition of SHUSA-level activities vs. subsidiaries</li> <li>Articulation of reporting lines and implications (for example, more centralized risk function structure)</li> </ul> </li> <li>Organizational structure design (including headcount)</li> <li>Communication materials to convey org. changes to enterprise</li> </ul>	<ul style="list-style-type: none"> <li>Embedded organizational model throughout enterprise with all roles and responsibilities filled</li> </ul>
Articulate and embed 3LoD principles	<ul style="list-style-type: none"> <li>Updated articulation of risk management roles and responsibilities across the three lines</li> <li>Training materials to explain model and key changes</li> <li>Initial roll-out of 3LOD               <ul style="list-style-type: none"> <li>Includes cascading 3LOD consistently into each entity through changes to job descriptions, adjustments to reporting lines (if warranted) and intensive training</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Continued roll-out of 3LOD (including resourcing changes)</li> </ul>
Design risk staff recruitment / retention strategy and onboard talent	<ul style="list-style-type: none"> <li>Development and execution of Phase 1 Talent Management Strategy, including:               <ul style="list-style-type: none"> <li>Target development programs, job rotation programs, job satisfaction assessments, compensation structures</li> <li>Remediation / roadmap / action plan</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Development and execution of Phase 2 Talent Management Strategy, including:               <ul style="list-style-type: none"> <li>Documentation of required resources (leadership, headcount and skills)</li> <li>Appropriate recruiting / staffing efforts</li> </ul> </li> </ul>
Improve risk culture	<ul style="list-style-type: none"> <li>Risk culture assessment across the organization               <ul style="list-style-type: none"> <li>Articulation of strong and desired risk culture</li> <li>Diagnostic of current risk cultures within each entity</li> <li>Plan for gradual improvement</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Ongoing risk culture improvement, for example, via:               <ul style="list-style-type: none"> <li>Regular risk culture assessments to track and report progress vs. desired risk culture</li> <li>Publicizing star performers (may be people or BUs)</li> </ul> </li> </ul>

<sup>1</sup> Preliminary view – pending verification against CCAR and IHC requirements

**Bold = High priority (by Aug 31 2015)**

## 2d Create/update policies and procedures

Draft

5

Improve  
effectiveness of  
policies and  
procedures

### Year 1 priorities<sup>1</sup>

- **Assessment of existing current policies and procedures, and prioritization of improvement actions**
- Frameworks defined and approved across all risk types
- Policy attestation process:
  - Enforce policy adherence and attestation process tied to Senior Management incentives

### Years 2-3 priorities

- Standardized policies and procedures across enterprise
  - Create new policies in line with results from assessment of current state

<sup>1</sup> Preliminary view – pending verification against CCAR and IHC requirements

**Bold = High priority (by Aug 31 2015)**

## 3a Create effective risk identification and assessment process

Draft

6

### Enhance risk identification and assessment process

#### Year 1 priorities<sup>1</sup>

- **Defined risk ID and assessment process, integrated into the end-to-end CCAR process:**
  - **Process maps**
  - **Tools/templates**
- **Initial register of risks, encompassing both modeled and non-modeled risks across all relevant legal entities / BUs**
  - **Informed by existing Operational Risk, Compliance, and Audit frameworks as possible**
- **Policy/procedure for Risk Identification and Assessment cycle (specifying frequency, stakeholders, duration, approvals, etc.)**
- **Demonstrated linkage of risk ID process to capital planning (CCAR) process**
- **Demonstrated linkage of risk ID process to risk mitigation, management and reporting**

#### Years 2-3 priorities

- Updated and enhanced risk ID and assessment program:
  - Ensure linkage to stress test scenarios to ensure unique SHUSA vulnerabilities, concentrations and idiosyncratic risks are tested

<sup>1</sup> Preliminary view – pending verification against CCAR and IHC requirements

**Bold = High priority (by Aug 31 2015)**

# 4a Design and operationalize Financial Risk Management

Draft

7

	Year 1 priorities <sup>1</sup>	Years 2-3 priorities
Align credit risk mgt. activities alignment with 3LOD roles	<ul style="list-style-type: none"> <li>▪ <b>Definition of credit-related roles and responsibilities and lines of control across 3LoD</b></li> <li>▪ Initial roll-out of 3LOD across credit risk management                             <ul style="list-style-type: none"> <li>• Evaluate current credit risk management activities in light of expected roles under 3LOD</li> <li>• Revise set of activities covered to align with expectations, including re-alignment of key activities to the first line as needed</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Full implementation of 3LOD model across SHUSA and subsidiaries</li> </ul>
Ensure alignment of key credit risk mgt. processes by credit risk type		<ul style="list-style-type: none"> <li>▪ Gap analysis of credit risk management</li> <li>▪ Execution of credit risk management remediation plan</li> </ul>
Conduct gap analysis across market / trading risk		<ul style="list-style-type: none"> <li>▪ Gap analysis of market / trading risk</li> <li>▪ Execution of market / trading risk remediation plan</li> </ul>
Conduct gap analysis across Interest Rate Risk (IRR)		<ul style="list-style-type: none"> <li>▪ Gap analysis of IRR management</li> <li>▪ Execution of IRR remediation plan</li> </ul>
Define expected liquidity risk capabilities and conduct gap analysis	<ul style="list-style-type: none"> <li>▪ Evaluation of current state against target capabilities and remediation plan</li> <li>▪ Improvement of liquidity stress-testing</li> </ul>	<ul style="list-style-type: none"> <li>▪ Execution of liquidity risk remediation plan</li> </ul>

<sup>1</sup> Preliminary view – pending verification against CCAR and IHC requirements

**Bold = High priority (by Aug 31 2015)**

## 4b Design and operationalize other non-financial risk management

Draft

8

Year 1 priorities <sup>1</sup>	Years 2-3 priorities
Assess current state of compliance risk	<ul style="list-style-type: none"> <li>Analysis of current state of Compliance risk:               <ul style="list-style-type: none"> <li>Catalog set of compliance-related risks at SHUSA and subsidiaries</li> <li>Evaluate existence and sufficiency of controls to meet each compliance risk and identify areas with missing / insufficient controls</li> <li>Assess overall program / process to monitor and identify compliance risks on an ongoing basis</li> </ul> </li> <li>Development and execution of Compliance remediation plan</li> </ul>
Design reputational and strategic risk frameworks	<ul style="list-style-type: none"> <li>Reputational/strategic risk management framework               <ul style="list-style-type: none"> <li>Review existing reputational and strategic risk lists, determine link with other major risk types (liquidity risk, op risk, etc.)</li> <li>Conduct structured workshops to narrow down top risks</li> <li>Translate top risk triggers into scenarios and leverage expert opinion to assess impacts</li> <li>Evaluate mitigating actions and implement necessary controls</li> </ul> </li> </ul>
Define risk role and strengthen risk management in new product review	<ul style="list-style-type: none"> <li>Revised new product /business review process, with Risk participation</li> <li>New product / business approval policy, procedure and tools               <ul style="list-style-type: none"> <li>Articulate roles and responsibilities</li> <li>Design tools to make process systematic (e.g. risk assessment templates)</li> <li>Define decision authority mechanism</li> </ul> </li> </ul>

<sup>1</sup> Preliminary view – pending verification against CCAR and IHC requirements

**Bold = High priority (by Aug 31 2015)**



# 5 Update internal monitoring and reporting

Draft

9

	Year 1 priorities <sup>1</sup>	Years 2-3 priorities
Define risk reporting landscape	<ul style="list-style-type: none"> <li>Risk reporting landscape, by audience and risk type               <ul style="list-style-type: none"> <li>Determine different audiences of risk reporting</li> <li>For each audience outline essential content and frequency of reporting</li> <li>Design reporting dashboards / templates based on latest industry practices</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Review progress against target risk reporting landscape and prioritize further improvement accordingly</li> </ul>
Develop and socialize prototype reports	<ul style="list-style-type: none"> <li><b>Prototype reports and socialization of high priority reports to:</b> <ul style="list-style-type: none"> <li><b>Board</b></li> <li><b>Senior management</b></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Prototype reports and socialization of high priority reports to:               <ul style="list-style-type: none"> <li>Line of business</li> <li>Day-to-day operations</li> </ul> </li> </ul>
Develop business requirements	<ul style="list-style-type: none"> <li>Risk data requirements for reporting:               <ul style="list-style-type: none"> <li>Based on desired reporting contents and frequency, define business requirements incl. both type and frequency of data</li> <li>Prioritize business requirements based on report and metric materiality</li> </ul> </li> <li>Identification of risk aggregation needs to support reporting</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing development and issuance of business reporting requirements</li> </ul>
Determine resourcing needs to produce reports	<ul style="list-style-type: none"> <li>Reporting resourcing:               <ul style="list-style-type: none"> <li>Identify reporting groups within SHUSA and subsidiaries</li> <li>Define target organizational structure for reporting groups</li> <li>Define resource needs to support desired reporting, both in current and future state</li> <li>Train and onboard resources for reporting</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Ongoing assessment of resources required to produce and deliver reports</li> </ul>

<sup>1</sup> Preliminary view – pending verification against CCAR and IHC requirements

**Bold = High priority (by Aug 31 2015)**

## 6 Improve data quality and aggregation and strengthen systems infrastructure

### Year 1 priorities<sup>1</sup>

#### Create business and data requirements

- **Requirements defined for all data-related risk measurement, management, and reporting activities, including:**
  - Information needed and business purpose
  - Level of aggregation / granularity
  - Expected provisioning frequency
  - Expected turn-around times for data (e.g. provided within 10 days after month-end close)
- **Prioritization of data requirements, both within and across individual business requirement documents**
  - In line with overall risk-related CART prioritization

#### Define systems architecture to support data needs

- Assessment of current systems architecture and identification of required enhancements to support data needs, incorporating:
  - Above business requirements
  - BCBS 29 compliance needs
  - Technology solutions consistent with defined architecture

### Years 2-3 priorities

- Updated risk-related business and data requirements
    - Revisited on a periodic basis
- 
- Ongoing implementation of enhancements to address risk data needs

<sup>1</sup> Preliminary view – pending verification against CCAR and IHC requirements

**Bold = High priority (by Aug 31 2015)**