### buy:process – S2C Workflow Tool Ramp-Up Training for LHT Internal Training for Cluster- and BU-Buyer

Frankfurt/Munich/Zurich/Vienna/Hamburg/Sofia, Juli 2019 (Version 20) FRA FP



#### Introduction and learning targets

What buy:process is all about

Source-to-Contract process

buy:process at a glance

Live demo based on defined use cases

Go-Live timeline, organizational matters and questions

## The learning target is to inform the participants on buy:process and prepare them for the collaboration in the cluster

Learning targets of the training: Participants ...

- ... are the real **end user** of the buy:process
- ... get a general overview of the what buy:process is all about
- ... refresh the knowledge about the **Source-to-Contract** (S2C) process
- ... learn about the **basic idea and goals**
- ... know how the sourcing activities are **linked** to the **workflow**
- ... get a **basic overview**, the various modules and functions
- ... discussed the **fundamental use cases** for the workflow
- ... understand these cases and the differences in workflow handling
- ... walked through buy:process and the screens
- ... get **answers** to their questions



Five training modules will support you in understanding the new buy:process and the underlying Source-to-Contract workflow within the LH Group Modules of the training



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### Agenda

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Until now the BU's as well as the cluster used completely different tools for the S2C process – buy:process will consolidate all of them Former tool landscape for S2C at LHG



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buy:process has not been build from the scratch, but is a consequent further development of an existing solution within LH Group



1) General goods & Services

### "What buy:process is all about" - in a few key words ...



1) Purchasing volume

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- Introduce Source-to-Contract process as a group-wide standard
- Support of the sourcing workflow incl. ... stakeholder-mgmt., long/short lists, suppliers, offers, currencies, checklists, approvals etc.
- Ensure and strengthen ....
  - Transparency of all sourcing activities
  - Process compliance
  - **Reporting** of purchasing volumes and savings
  - Filing of process relevant documents and documentation
  - Replace all other local tools

## The new group-wide "buy:process" will combine all the tools and most of the functions into one

Consolidation of tools

### buy:process (Starting page)



New buy:process will combine all the tools and most of the functions into one and provide certain interfaces/deeplinks into different modules of buy:IT suite Interlinks with other LHG tools



buy:process will also include our stakeholder and demand organisation – approval and information tasks are an integrated part of the workflow

Sufthansa buy:Process	STAGING/TRAINING - Procurement I	Request Form 🕕 🕴	
Language selection Language selection	English •		Mail workflow for stakeholder communication
Your data as the requestioner Group Company *	Please select Name/U-Number Department	Purchasing request from RROC: 2016238 donotreply@procurementsuite.de <dono Donnerstag, 1. Dezember 2016 09:59 An: rocco.rinaldi@swiss.com</dono 	
Requisitioner *		Cc: manuel.iffert@swiss.com The following purchasing request has been opened of	
Other stakeholder, controlling, legal Stakeholder 1 Stakeholder 2 Stakeholder 3 Description of activity/task Activity/task * Project description *		No: 2016238 Aktivity/task: Request for VSB Category: 010-05-00 Cabin & Campaign Material & Ser Requestioner: RROC (TES / <u>rocco.rinaldi@swiss.com</u> ) Proc.typ: 1 New Contract Time schedule: - Year: 2017 TCV: 1 kCHF SWISS noticed that in the galley A-2 and A-3 the in 6 shipsets the intermediate latches can be turned i properly secured standard units. Request for VSB ti	Assigned buyer: Manuel Iffert (TCATP / <u>manuel.iffert@swiss.com</u> )
Main category * Purchasing type Station (3LC) Start date	Please select 1 New Contract	Note: SWISS thinks this is a design failure and the that Bucher engineering dept. can start to work on Check with VERU if it is a LOC item. https://www.procurementsuite.de/webobjects/pta_dse	Requestioner: RROC (TES / rocco.rinaldi@swiss.com) Category: 010-05-05 Specific Engineering Services (Cabin Layout, etc.) Proc.typ: 1 Neuer Ventrag Time schedule: 2016-12-01 - 2017-02-31 Year: 2017 TCV: 1 kCHF SWISS noticed that in the galley A-2 and A-3 the intermediate latches have a malfunction/design deficiency. On all
Final date Year of contract completion * Procurement Request	Please select Form" for demand	organisazion	6 shipsets the intermediate latches can be turned 180 degrees instead of 90 degree. This could lead to not properly secured standard units. Request for VSB to correct this malfunction. Note: SMISS thinks this is a design failure and therefore it should be on a FOC basis. Request issued in order that Bucher engineering dept. can start to work on the VSB. Commercial discussions have to take place in parallel. Check with VERU if it is a LOC item. https://www.procurementsuite.de/webobjects/pta_dset.php?parm=dsp;0;;;;

### The process compliance related aspect are mostly covered by buy:process

#### Covered compliance aspects/goals in in buy:process

Compliance aspect	Goal/aim	Description/coverage
Process integrity	<ul> <li>Ensure process compliance according to BU and/or cluster requirements</li> </ul>	<ul><li>Split of process in several workflows</li><li>Dedicated signoff after each major workflow</li><li>Reset of signoffs only by admin</li></ul>
Approval gates	<ul> <li>Approve certain process steps according to BU governance and/or cluster guidelines</li> </ul>	<ul> <li>Customization of separate approval gates for each BU and/or cluster</li> <li>Different gate types, e.g. boards, personal, external</li> </ul>
Complete documentation	<ul> <li>Central file storage for crucial documents related to the tender/RFx</li> </ul>	<ul> <li>Workflow step related file uploads</li> <li>Support for any kind of documents (type, size) according to IT security rules</li> </ul>
Confidentiality	Hide tender/RFx from not authorized persons	<ul> <li>Different types of confidentiality, e.g. BU, cluster, selected user</li> </ul>
Activity trail	<ul> <li>Ensure complete history and trail for activities and changes related to the tender/RFx</li> </ul>	<ul><li>System based audit trail for entry changes</li><li>Logbook functionality for manual notes of buyer</li></ul>
Revision safe	<ul> <li>Complete portfolio of sourcing activities within a BU and/or cluster</li> </ul>	<ul><li>No physical deletion of entries possible</li><li>Only logical flag or workflow steps for "cancelled"</li></ul>

### Basis for all activities is the LHG's category structure – new Version 2019

T Technics	HAM FP/T FRA AT/C
210-01 - Airframe Services	
210-02 - Engine Services	
210-03 - Component Services	
210-04 - LRU & Assets	
210-06 - SRU & Repairable Materials	
210-07 - Consumable & Expendable I	Materials
210-08 - MRO related Aircraft Materi	al &
Services (no fly)	

FL	ogistics	FRA FP
240-01	- Warehouse Operations & Log	gistics
	Services	
<b>2</b> 40-02	- Freight Transportation & Air	Cargo
	Capacity	
240-03	- Logistic Service	
240-04	- Loading Devices Managemer	nt Air
	Cargo	
<b>2</b> 40-05	- Cargo Sales Services	

Ζ	F&B & Equipment	FRA FP/Z
<mark>2</mark> 20-0	03 - Inflight Equipment	
<b>2</b> 20-0	04 - Food	
<b>2</b> 20-0	05 - Beverages	
<mark>2</mark> 20-0	06 - On Board Retail & Boutique Se	ervices
<b>2</b> 20-0	07 - Industrial Catering Equipment	&

Services

\* (Responsibility)

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L	Airline Product & Services	FRA FP/L ZRH S/FF
210-	05 - Cabin & Campaign Mat. & S	Serv.
<mark>2</mark> 20-	01 - Inflight Services	
<b>2</b> 20-	02 - Inflight Entertainment	
<mark>2</mark> 20-	08 - Lounges	
280-	03 – Marketing	
280-	10 – Insurances	
<mark>2</mark> 80-	13 – Financial Services	
280-	14 - Call & Service Center	
280-	22 - Outsourcing Services	
<mark>28</mark> 0-	23 - Station Support	

0	Flight Operat	tions & Travel	VIE FP/O
<mark>27</mark> 0-	01 - Hotel		
<mark>27</mark> 0-	02 - Passenger	Transport (Air)	
<mark>27</mark> 0-	03 - Travel Mar	nagement	
<b>2</b> 80-	15 - Functional	Training	
<b>2</b> 80-	16 - Functional Crews	Aviation Training	Cockpit
<b>2</b> 80-	17 - Functional Crews	Aviation Training	Cabin
<b>2</b> 80-	19 - Aviation Tr Services	aining Devices (P	urchase) &
280-	21 – Uniform		

В	General Goods and Services FRA FP/B		п
<mark>24</mark> 0-	06 - Baggage Services	<b>2</b> 50-	01 - Manage
260-	02 - Construction	<b>2</b> 50-	02 - Hardwa
260-	03 - Facility Management	<b>2</b> 50-	03 - Applica
260-	04 - Energy	<b>2</b> 50-	04 - Service
<mark>2</mark> 80-	01 - Vehicles	<b>2</b> 50-	05 - Standa
<b>2</b> 80-	02 - Office Equipment		
<b>2</b> 80-	04 - Professional Services / Consulting / Auditing	K	Ground &
280-	05 - Temporary Labor	<b>2</b> 30-	01 - Air Traf
	06 - Ground Catering (Staff / Guest)		02 - Airport
280-	07 - Printed Materials		03 - Ground
280-	09 - Working Clothes & PPE		04 - ACC Ch 05 - Airport
280-	11 - Security Services & Equipment	230-	Fees &
280-	12 - General Purchases	260-	01 - Purcha
280-	20 - Documentation & Scan Services		
<b>2</b> 80-	25 - Medical & Laboratory		
<mark>2</mark> 80-	26 –Trainings (cross-functional ) & Coaching	Α	Aircraft P

Η	Fuel Management	HAM FH/I
<b>2</b> 90-	01-01 - Operating Material & Aircraft	& Fuel for
<b>2</b> 90-	02-01 - Premium for Price H	edging

L	IT	FRA GI/SP
50-0	1 - Managed Services Infrastru	ucture
50-0	2 - Hardware & Infrastructure	
50-0	3 - Applications	
50-0	4 - Services	
50-0	5 - Standard Software	

K Ground & Air Services	FRA GK/R FRA GK/I
230-01 – Air Traffic Control (ATC)	
230-02 - Airport Charges	
230-03 - Ground Handling Charge	es
230-04 - ACC Charges (Airport)	
230-05 - Airport Security & Passe	ngers
Fees & Charges	
260-01 - Purchase / Rent	

A Aircraft Procurement	FRA AC/P	
300-01-01 - OEM Aircraft Pro	curement	
300-02-01 - Used Aircraft Procurement		
300-03-01 – Aircraft Lease		
300-04-01 – Aircraft Financial Lease		

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Version 0.0

## Until Q3/2019 buy:process will be the mandatory tool for the Source-to-Contract process groupwide

Roadmap for buy:process at Lufthansa Group



2017

2018

Implement requirements for group wide usage in all BU and Cluster incl. approval logic etc.All remaining Clusters

Implement requirements for group wide usage in all BU and Cluster incl. approval logic etc.

- Cluster Technics
- Cluster Food, Beverage & Catering Equipment
- Cluster General Goods & Services

Basic concept and first local & cluster pilots ...

- Swiss (Technics & Maintenance, Travel, General goods & Services ...)
- TFM (Technical Fleet Management)

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### LH Group's procurement transformed to matrix organization in 2018



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The new "Group Procurement" comprises three superordinate functions that perform their specific activities based on common rules and understanding Specific roles in procurement

#### Process Owner Procurement

- Design of high-performance group procurement
- Group-wide framework (incl. escalation instance)
- Controls cluster-comprehensive activities
- Continually improved tools/processes/CoEs
- Roles: PO, process architects, managers, etc.

#### Supply Chain Management (SCM)

- Conveys the Business Unit perspective
- Responsible for the procurement compliance of the BU
- Secures supply of its companies
- Consolidates and channels local demands
- Utilises existing contracts (incl. claims)
- Connecting link between department (RM) and cluster
- Roles: SCM (incl. operative/local SRM<sup>2</sup>)



## New challenges for transparency, collaboration and responsibilities

#### Global Cluster Management (GCM)

- Takes the market perspective
- Group-wide cluster responsibility
- Development/implementation of cluster strategies
- Selection/management of sources of supply
- Negotiation of terms and conditions
- Acting with demand carriers on "equal footing" (Advanced Procurement)
- Roles: GCM, CM<sup>1</sup>, KSM

1) Depending on level as category or commodity manager 2) Supplier-relationship management

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## The responsibilities of the essential procurement roles have been clearly shaped and assigned to cluster (GCM) or BU (SCM)

Essential procurement roles (Overview responsibilities)



The different roles within the cluster (GCM) and BU (SCM) organization is important to understand the responsibilities along this process chain Role definition within the cluster/GCM



#### Global Cluster Manager (the "GCM")

- usually 1st level in the overall cluster (double-hat with SCM)
- e.g. cluster "Technics" (010-xxx), "APS Airline Product & Services" ...

#### Category Group Manager (Category Director<sup>1)</sup>)

- often 1...n category groups from 2nd level or combination of 3rd Level
- e.g. category "APS-Inflight", "APS-Marketing", "FOPT-Travel" ...

#### Category (Commodity<sup>1)</sup>) Manager

- 1..n category groups from 3rd Level
- e.g. "APS-Inflight-OnBoard", "APS-Marketing-CallCenter" ...

1) Some cluster had chosen different titles

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The different roles within the cluster (GCM) and BU (SCM) organization is important to understand the responsibilities along this process chain Role definition within the BU/SCM (final titles according to local definition)



#### Supply Chain Manager ("SCM") / Head of procurement ("HOP")<sup>1)</sup>

Ist level in the local BU's procurement organization (double-hat with GCM)

e.g. BU "Lufthansa Technik", "Swiss", "Austrian" ...

#### SCM Team/Group Manager (Team lead XYZ<sup>1</sup>)

- often 1...n teams/groups from 2nd level in BU's procurement organization
- e.g. "FRA L/FP", "HAM T/TS", "ZRH S/FP", "VIE O/FP" ...

#### Local buyer

- 1..n local buyer from 3rd Level
- e.g. "FRA L/FPS", "HAM T/TS-C1 AC rel. systems", "VIE O/FPC Technics" ...

1) Some BU had chosen different titles

## In procurement we handle five core processes – buy:process focusses on the underlying workflow of Source-to-Contract core process

Procurement core processes



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All procurement processes are aligned and documented within our group wide "GAP Process Architecture" and the mandatory role model

Common process architecture



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Reputation Manager C) comb/Bades 1

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C) confidentes la

Constitution in the second second

## The tactical Source-to-Contract is the most important process for the buyer's daily life



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Austrian 🗡 😪 Lufthansa

SWISS

## All major process steps as well as different participating parties are covered and supported

Source-to-contract overview

### Source to Contract

The Source-to-Contract Process describes how the LH group manages the activities of tactical procurement including specification management, market and other sourcing preparation activities, the tender process as such as well as negotiations, awarding and closing a contract.

#### Property of Lufthansa Group



Functional Area: Procurement Development status: to be Release Status: 1 work in progress Valid from: 24.04.2017

Process Domain Owner. Thomas Papke Process Architect: Gerold Carl



Link to ProcessBase in eBase: https://ebase.dlh.de/processBase

## Within the workflow the activities and quality & approval gates of the S2C as well as parts of the AP process are integrated

Mapping S2C process and workflow steps (Sample for LX governance)

			Adv. Purch	nasing (AP)	Source-To-Contract (S2C)				
			2. Idea Eval. Phase	4. Project dec. & setup	1. Prepare Sourcing	2. Define specification	3. Market release of act.	4. Perform tender/RFx	5. Implement contract
#	Workflow	Tab							
00	Opened	Start/Financ.							
05	Initial Review	Start/Financ.	Procurement						
10	Request approved	Start/Financ.		Procurement	Proc. Council				
20	Spec./src.conc./ long list	Src./Spec.				Pers./Boards	Pers./Boards		
30	Rfx finished/ short list	RFX						Procurement	
40	Negotiation conduced	Negotiation						Procurement	
50	Supplier approved	Negotiation						Procurement	
55	Internal approved	Approval						Stakeholder	
60	Boards approved	Approval						Pers./Boards	
70	Contract awarded	Contract						Procurement	
80	Purchase order	Contract						Procurement	
85	Hand-over and Delivery	Handover						Procurement	Demand
90	Closed	Handover							Procurement
95	Cancelled	NA							(Procurement)
	Degree of implementation		0-2	0-2	0-2	3	3	4	5

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### 1. Prepare Sourcing Activities -

### Analysis and internal dispatching of demand request

Mapping major activities / tool workflow



CM=Category Mgr. / SCM=Supply-Chain-Mgr. / DO=Demand Organization

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2. Define sourcing specification and implementation Concept – Early involvement as a crucial point for optimization potentials Mapping major activities / tool workflow



CM=Category Mgr. / SCM=Supply-Chain-Mgr. / DO=Demand Organization

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3. Perform Market Release of Sourcing Activity – Comprehensive knowledge of supply market and/or single supplier is crucial for later costs/performance Mapping major activities / tool workflow



CM=Category Mgr. / SCM=Supply-Chain-Mgr. / DO=Demand Organization

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# 4. Perform Tender for Sourcing Activity – Four eye principle and separation of technical and commercial responsibility is key Mapping major activities / tool workflow

Perform negotiation Prepare and agree Perform tender. Prepare Communicate Approve and sign Prepare tender for CM for sourcing activity - i 🔊 NN. evaluation matrix evaluate responses negotiation for business award to contract for sourcing activity and decide on or sourcing activity and define short lis sourcing activity suppliers sourcing activity awarding proposal SCM (C) kas (C) 9as (C) has (It must be (i) must be (C) must be (C) constitutes to insulting role in consulting role in consultant role in informed about informed about informed about (i) must be (C) combilaties to (C) contributes to (C) contributes to (C) contributes to (R) decides on liRì decides an informéd about DC WF30 WF40.50 WF60..70 Perform tender and Perform negotiation Approve and evaluate responses/offers and awarding proposal sign contract (for supplier shortlist) (for sourcing team and mgmt.) (acc. local gov.)

CM=Category Mgr. / SCM=Supply-Chain-Mgr. / DO=Demand Organization

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## 5. Implement Procurement Contract – Maintenance of master data and hand over of to department is role of SCM

Mapping major activities / tool workflow



CM=Category Mgr. / SCM=Supply-Chain-Mgr. / DO=Demand Organization

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# It is crucial to separate three fundamental use cases, which will have an impact on the sourcing workflow within buy:process

Fundamental use-cases of sourcing activities

Local buy (below threshold)



**Local buy** (with local approvals)

- Smaller or delegated sourcing activities, due to low purchasing volume or operating model
- Local SCM is responsible
- Only local governance is applicable
- Due to lower volume no or minor approvals needed
- Buyers are able to decide themselves on all aspects w/o releases by procurement superiors
- Complexity of process low
- Complexity of collaboration low

- Delegated sourcing activities, due to operating model
- Local SCM is responsible
- Only local governance Is applicable
- 1...n approvals by local mgmt. needed
- Releases by procurement superiors are needed for some/all decisions on sourcing aspects of buyers
- Complexity of process middle
- Complexity of collaboration
   low/middle



## **Group project** (with 1 ... m participating BU)

- Group wide sourcing activities, due to high volume, bundling opportunities or complexity
- Cluster/Category Mgr. is responsible
- 1..m local (different!) governances have to considered
- 1...n approvals by 1...m local BU are needed and have to be coordinated in common with the local SCM
- Releases by GCM are needed for some/all decisions on sourcing aspects of CM
- Complexity of process high
- Complexity of collaboration high

### The quality and approval gates within the process are crucial – Different types lead to different behaviour and stakeholder communication Handling of guality and approval gates -overview



LUFTHANSA GROUP

In buy:process

In buy:process

App. Page

with token

ocal level

Group level

(autom.)

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## The external approval workflow leads to an invitation mail for external stakeholder (e.g. Crew, Safety) with no access via an approval form

Approval form for external stakeholder



Source: MatrixPartner

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There are several guidelines for our procurement initiatives, which are all mandatory for sourcing activities – especially for LH Group projects

Guidelines and information for procurement initiatives (overview)

### BU related guidelines

- Procurement Guideline Deutsche Lufthansa AG
- see:

https://ebase.dlh.de/content/ebase/ lpa/de/bereiche/lufthansa-finance-l-f/fra\_lfp.html

### Cluster related guidelines

- Cluster Handbook/Manual
- Guideline for sourcing teams
- Level of Authorities (LOA)

#### LHG related guidelines

- Procurement Purchasing Policy
- Agreement "One Legal"
- Contract Guideline
- see:

https://ebase.dlh.de/ebase/vf/en/fra \_fp/Group\_procurement\_policy/popublished-documents.html

Note: All guidelines are mandatory for both procurement and demand organization!

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# buy:process is an Internet solution and will be accessible with a "Samoa User" account from everywhere

URL and login page

## 😪 Lufthansa

eBase-Login:	<u>Sie haben noch kein eBase Passwort?</u> Sie haben Ihr Passwort vergessen?
U-Nummer U	Sie möchten Ihr Passwort ändern? Sie möchten Ihr Passwort prüfen?
eBase-Passwort	Regelungen und Hilfe zur Erstellung eines sicheren Passwortes
Login	
Login	User Help Desk - Telefonischer Service

#### Description

- URL is linked to eBase Login with your standard username (U-Number) and password
- Rights for access and role for buy:process are maintained in Samoa Administration Tool
- User account is directly linked to role and responsibilities in buy:process

https://pp-login.app.lufthansagroup.com (TEST)

https://login.app.lufthansagroup.com (PROD)

# Different roles have been defined for basic responsibilities and information needs within the entire sourcing process or maintenance

Roles and responsibilities

Procurement Role	Description and responsibilities	Modules
Proc	<ul> <li>Buyer for BU or cluster</li> <li>Responsible for sourcing projects incl. sourcing concept, setups, signoffs etc.</li> </ul>	<ul><li>Projects</li><li>Supplier</li></ul>
ProcMgmt.	<ul> <li>Team lead for buyer (e.g.)</li> <li>Responsible for overall project steering</li> <li>Release of specific requests within sourcing</li> </ul>	<ul><li>Projects</li><li>Supplier</li><li>Releases</li></ul>
ProcCont	<ul><li>Project or procurement controller</li><li>Responsible for commercial approval</li><li>Approval token via Mail</li></ul>	<ul> <li>Projects</li> </ul>
ProcLeg	<ul><li>BU legal or ONE legal</li><li>Responsible for legal approval</li><li>Approval token via Mail</li></ul>	<ul> <li>Projects</li> </ul>
ProcAdmin	<ul> <li>Key user in BU or cluster</li> <li>Responsible for administration and general data</li> <li>Contact person for 1<sup>st</sup> level support</li> </ul>	<ul> <li>All</li> </ul>
ProcView	<ul> <li>Demand organisation or Stakeholder</li> <li>Only access to information and current project status (link via mail)</li> </ul>	<ul> <li>Projects</li> </ul>

# The home page is structured in certain areas and the tiles are linked – as a fasttrack – to your projects and procurement data

Short introduction of general user interface (starting page)



## To access the procurement projects you can use either the menu item or the quick access tiles

Short introduction of general user interface (starting page)



## A dedicated menu item contains all needed functions and modules for our procurement activities

Short introduction of general user interface (Menu "Procurement")



#### Description

- Projects: Overall list with all projects incl. specific filters & selections
- Dashboard: for several topics and different analysis
- Request Form: for demanding department w/o user login
- Q/A Gates: Overview of current gates status
- Master projects: Overall project definition for assignment of projects
- Reports/exports: Several predefined project reports

## The "General data" menu is for administrative and maintenance puposes only and needs dedicated responsibilities

Short introduction of general user interface (Menu "General data")



Description

- Supplier: Master data incl. company assignments, categories, SRM-/risk data ...
- Supplier (spec. data): Additional fields for master data (internal, external, data)
- Cluster: LHG Cluster structure
- Categories:Category structure acc. to "LHG Warengruppen"
- User assignment: Assignments of Users to Categories
- Gate definition: Company specific approval and quality gates incl. cliplevel, boards etc.
- Companies: LHG entities

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## Starting point for our procurement projects is the overview page with a list of all open/current/filtered sourcing projects

Short introduction of general user interface (list page)

C   C /   E C   C		Employee	Rüffer, Peter		Workflow	step All d	open 💌	Toolbar with icons for functions (e.g. search, refresh with mouseover)
Group Company Display all  Search New entry No. Project	GC	Filter profile Emp./Team	Display all	Cluster	Category		Financial Workf/Status	Header area for selection and filtering
2016193 Sample project retrofit A320	LHP	Rüffer / LX LSG TCA	/ TCATP				550 kEUR 05 568 kEUR	Result area with
2018092 TEST PRxx U	LX	Rüffer / LX LSG	Rüffer / LX LSG Unknown	TFM	210-01-01 Line Ma	aintenance Workflow/Time/Imp	600 kUSD 00 🔵 🔵	filtered data entries (Double click opens
2018103 30TFM D-Checks 320	LHG	Rüffer / LX LSG LHG1	Rüffer / LX LSG Unknown	TFM	010-02-01 OEM N So	Workflow step: 00 (		detailled/edit view)
2018103 30TFM D-Checks 320	LHT	Rüffer / LX LSG TN		XX	010-02-01 OEM N So	Traffic light (impact Description for traff	c lights:	Mouseover for
2018107 New Office Building	LHT	Rüffer / LX LSG FPTM1	Hünsch / LHP HAMT/TS	REM	060-02-01 Constru	Final date: 2019-02 Contract values - planned: 724	-20	detailled information of
2018109 A32x Spare parts APU	LHG	Rüffer / LX LSG LHG1	Hünsch / LHP HAMT/TS	TEC	010-04-02 Engine	- forecast: 579 - contracted: 0 - actual: 0 - reference: 579	p	project attributes
2018109 A32x Spare parts APU	LHT	Rüffer / LX LSG	Hünsch / LHP	XX	010-04-02 Engine		510 KUSD 00 🕒 🕒	

## Starting point for our procurement projects is the overview page with a list of all open/current/filtered sourcing projects

Short introduction of general user interface (list page)



## On the edit page the entire information of a sourcing project can be viewed and edited according to your user's role

Short introduction of general user interface (edit page)

= <u></u>	<ul> <li>S Lufthansa   buy:Process TEST - Pr</li> <li>←   Pr</li> <li>□</li> <l< th=""><th>rocurement initiative</th><th>♠   Ů   ❶   ੈ ₽</th><th>for functions (e.g. save, save&amp;close, new)</th></l<></ul>	rocurement initiative	♠   Ů   ❶   ੈ ₽	for functions (e.g. save, save&close, new)
•	Project name 30TFM D-Checks 320	Next step	Workflow step 00 Created/opened	
	Status milestones Ok Save+Close Save Refresh/Upload Start Financials Sourcing concept Specifi Responsible/participating companies	Status impact     Ok       Groupwide procurement project for LHG !       cation     RFx       Negotiation     Approval       Contract	Employee Rüffer, Peter Handover History Documents Audit Trail	Header area for most relevant fields describing the sourcing projects
Buttons for basic	Group Company	LHG GROUP		
functions and tabs	Participating companies	CLH Cityline EW Euro CLHP LH Passage Z LHT LH T		
for workflow steps		☐ LH Passage ✓ LH LH I ✓ LX Swiss ✓ OS Austri		
	Procurement-Unit Confidentiallity level	Please select  All		
	Description of activity/task			Edit area with data
	No.	2018103		fields, input boxes
	Project description	Testprojekt		and information
	Cluster	TFM Comm.& Dev. TFM		

## **LUFTHANSA GROUP**

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## On the edit page the entire information of a sourcing project can be viewed and edited according to your user's role

Short introduction of general user interface (edit page)



## The sliders/tabs reflect the workflow according the S2C process

## Procurement project – Overview

		Descriptori
= ;; 		<ul> <li>For each major workflow step a separate slider contains crucial</li> </ul>
≣ 2 ¢	Save+Close Save Refresh/Upload Groupwide procurement project for LHG !	<ul> <li>For a new project step through the sliders and fill out data, which is already known</li> </ul>
<b>~</b>	Responsible/participating companies         Group Company         Participating companies         CLH Cityline         EW Eurowings         LHP LH Passage         VLHC LHP LH Passage         LLY Swiss         OS Austrian Airlines	will indicate that an input in
	Start Financials Sourcing concept Specification RFx Negotiation Approval Contra	ract Handover Logbook History Documents Audit Trail
	No.     2018103       Project description     Testprojekt	
	Cluster TFM Comm.& Dev. TFM -	

## **LUFTHANSA GROUP**

## Please have always the link between S2C-process and detailed workflowstep in mind ...

Mapping S2C process and workflow steps (Sample for LX governance)

			Adv. Purch	asing (AP)	Source-To-Contract (S2C)				
			2. Idea Eval. Phase	4. Project dec. & setup	1. Prepare Sourcing	2. Define specification	3. Market release of act.	4. Perform tender/RFx	5. Implement contract
#	Workflow	Tab							
00	Opened	Start/Financ.							
05	Initial Review	Start/Financ.	Procurement						
10	Request approved	Start/Financ.		Procurement	Proc. Council				
20	Spec./src.conc./ long list	Src./Spec.				Pers./Boards	Pers./Boards		
30	Rfx finished/ short list	RFX						Procurement	
40	Negotiation conduced	Negotiation						Procurement	
50	Supplier approved	Negotiation						Procurement	
55	Internal approved	Approval						Stakeholder	
60	Boards approved	Approval						Pers./Boards	
70	Contract awarded	Contract						Procurement	
80	Purchase order	Contract						Procurement	
85	Hand-over and Delivery	Handover						Procurement	Demand
90	Closed	Handover							Procurement
95	Cancelled	NA							(Procurement)
	Degree of implementation		0-2	0-2	0-2	3	3	4	5

## The procurement overview is normally the starting point for the work with procurement projects –save&close will bring you back

Worm with overview and edit view

## 1. Open projects (menu or tiles)

 Filter/select project in overview (icon or double click) 3. Edit project on certain tabs (change tabs via ribbon)



## Procurement project - Start (1)



#### Description

- **1. Project name**: Give your project a clear naming. So far, there is no naming convention.
- 2. **Cluster**: Choose the appropriate cluster to assign the right one and pre-select the categories
- 3. Group company or LHG (for group projects)
- 4. Employee: The project is automatically assigned to you as the buyer. If you just want to start the project and hand it over, assign the resp. employee.
- 5. Procurement-Unit for the assignments of the savings in tracker afterwards

## Procurement project – Start (2)

Responsible/participating companies Procurement-Unit *	Please select		Description
6. Confidentiality	Only visible for my company	Select granted companies	<b>6.</b> Use <b>confidentiality</b> to hide projects from other BU or user
Confidentiality Allowed	Only visible for selected companies  CLH Cityline EW Eurowings	LCAG LH Cargo	<b>All:</b> No restriction for other user or buyer
	LGBS LH Global Bus. Services       LHP LH Passage         LSG LSG Group       LX Swiss         WK Edelweiss	<ul> <li>LHT LH Technik</li> <li>OS Austrian Airlines</li> </ul>	<b>Only my company:</b> Restricted for my company - will be hidden for all user not related to this company
Confidentiality	Only visible for selected users	ain Training2 (I UT)	<b>Only selected companies:</b> Restricted only for selected companies - will be hidden for all user not related to these
Allowed	Train, Training2 (OS) Verbruggen, Rudy (LX) Verheyden, Richard (LX) von Keler, Hans-Joachim ( Vulcan, Carolina (LX) Wagner, Rolf (LH2)	ain, Training3 (LHT) hoose granted user arrow/double click)	<b>Only selected users</b> : Restricted only for selected users - will be hidden for all other users Note: Ürojects will not be hidden for

Meibel Lorenzo (LY)

## **LUFTHANSA GROUP**

ProcAdmins !

## Different access level to projects follow a concept for procurement roles and their individual rights within the projects

Roles, confidentiality and access rights to projects

		Local Project (= S	iCM)		Group Project (= GCM)				
Role/ Confidentiality	All	Only my company	Only selected user	All	Only selected companies	Only selected user			
ProcAdmin	RW all	RW all	RW all	RW all	RW all	RW all			
Proc	RO all RW my Comp.	RW my Comp.	RW sel. User	RW all	RW sel. Comp.	RW sel. User			
Proc Mgmt	RW all	RW my Comp.	RW my Comp.	RW all	RW all	RW sel. User			
ProcCont	RO all RW my Comp.	RW my Comp.	RW my Comp.	RO all	RO sel. Comp.	None			
ProcLeg	RO all RW my Comp.	RW my Comp.	RW my Comp.	RO all	RO sel. Comp	None			
ProcView	RO my Comp.	RO my Comp.	None	None	None	None			
			imple	version of mentation	RW	: Full access (read+write)			

RW: Full access (read+write) RO: Read only None: No access allowed

## Procurement project - Start (3)

Activity	/task *	Radome B737NG	Cluster *	TEC Technics	Workflow step	10 Reque	est approved	•				
Group	Company *	LHT LH Technik	Employee *	LHT, Training (LHT)	Next step							
Save	Save+Close Save Refresh/Upload Local procurement project for LHT (SCM) Milestone Financials DI 1											
Start	Financials	Sourcing concept Specification	RFx Negotiation	Approval Contract Han	dover Logbook H	listory Docume	nts/Templates	Audit Trail				
	Responsible/participating companies											
	Procurement	t-Unit *	HAM FP/T Lufthansa Technik									
	Confidentiali	ty	Only visible for my company									
	Deputy	Confidentiality										
		Select if viewing rights should be restri	cted									
	Description of	activity/task										
_	No.		20190094									
7.	Reference n	0										
Project description *			XXX Order to secure material supply for NG Radomes									
	Category lev	el 1 *	210-00-00 Technics		•							
8.	Category lev	el 2 *	210-01-00 Airframe Services									
	Category lev	rel 3 *	210-01-05 Aircraft Engir	neering Services								

#### Description

7. **Project number**: Your unique project number, which will be generated automatically as soon as you save project for the first time: Year + auto num.

You can also insert a **reference no.** – e.g. for link to former tools Please insert a short **description** for your initiative additionally

8. Choose an appropriate **procurement category** by stepping through the level 1...3 listboxes

## Procurement project - Start (4)

8.			
Category level 1 *	210-00-00 Technics	•	
Category level 2 *	210-01-00 Airframe Services	•	
Category level 3 *	210-01-05 Aircraft Engineering Services		

### Description

### 8. Procurement Category:

- Since January 1<sup>st</sup>, 2019 the new LHG category tree is available in parallel to the current one
- For <2019 projects (starting date) the old tree should be used, for >2018 the new categories should be used
- After end of February only the new category tree will be available for 2019th projects

## Procurement project - Start (5)

	Purchasing type	New Contract				
	Concerned fleet	🗆 A319	🗆 A320		🗆 A321	
		A330	🗆 A340		C A350	
		🗆 A380	🗆 B737		🗆 B747	
		🗆 B767	🗆 B777		C-Series	
9.		BBJ			Embraer	
		Q-Series/Q400	Avro		MD11	
	Station (3LC)	ZRH				
	Year of contract completion	2016 •				
	Master project	· · · ·				
F	Requisitioner/stakeholder					
	Function	User	Name/U-Number	Department	Mail	
	Requisitioner	Train, Training1	Training1 Train		pr@xxxx.de	
	Stakeholder 1	(Insert manually)				
	Stakeholder 2	(Insert manually)				
10	Stakeholder 3	(Insert manually)				
F	Persons for approvals					
	Function	User	Name/U-Number	Department	Mail	
	Procurement Controller	(Insert manually)				$\simeq$
	Financial Controller	(Insert manually)				

Description

 Choose the purchasing type, concerned fleet, station (e.g. for travel or ground services relevant) – some fields are linked to cluster or categories Insert expected year of contract signage.

#### 10. Stakeholder or approver:

Select needed persons as stakeholder or approver in listboxes or fill in mandatory fields (name, department, mail ...).

With the mail icons you can open a mail with prepared text to recepient

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## Master projects are an optional overarching project hierarchy, e.g. a new maintenance hangar or the Entry-Into-Service of a new aircraft type

Year of contract completion *	2018	•		Detailled proje	ect tasl	٢S	)
Master project	LHG EIS E	ntry-Into-Service		will appear after			
Assigned project task *		elect ESTONES at BOEING (SRP) CRAFT BASED MAINTENAN		project selection			
Requisitioner/stakeholder	1.03 ENG	GINE GE90-115B Honeywell					
Function		EELS AND BRAKES					
Requisitioner		Goodrich Landing Gear su	upport contract				
Stakeholder 1	1.08 COM	SUMMABLES					
1 Jakeholder 2	1.09 REV	ERSERS E COWLS					
-Stateholder 2	1.10 NOS						
Stakeholder 3		1.12 TOOLING/GSE					
	1.13 RSP	L/IP raft inspection					
Persons for approvals	Search		Group Company Display all	<ul> <li>Status</li> </ul>	Display all	•	
Function	U Search	New entry					
CGM	-						
50m	Short des	cription Title	Comp.	Resp.	St	AC	State
	LX	EIS B777	LX	IVSZ	10	B777	
You are able to creat		A320P	LX	ZLLU	10	A319	
	<u>~</u>	EIS CSeries	LX	NEUJ		CS	
your own master	WK/LX	ENZIAN	LX	HOON		A319	
projects	LX.	Retrofit A340	LX	CKIE	10		
projecto	U,HG	EIS Entry-Into-S	ervice			B777	
	OS Y+	Retrofit-Projekt	OS	Ziegler Christoph	00	A340 B777	
	OS II	B772 OE-LPF	OS	Ziegler Christoph	10		
	BP	BuyProcess	LHG	Christian Dümpelm			
	Klammer	Bau einer Halle	LHT	ich		A319	
	Klammer	Bau einer Halle	LHT	ich	00	A319	

#### Description

 If needed, choose the related overarching master project – a more detailed activity structure will be shown.

> Please select the appropriate task as part of the master project hierarchy

> Note: You can create your own master projects – select "Master projects" in menu "General data"

## Procurement project - Start (6)



#### Description

### 12. Scheduling/Effectiveness:

These fields represent the milestones of the project, containing the **start** and **final** date, which are important for the traffic light and for tracking of the project. Further, you must fill in the **date of signature**, when the contract enters into force.

**13. Quality-/Approval Gates**: In every process step, where approvals are needed you will find the gates which have to be approved first, before the complete workflow phase can be signed off.

## Procurement project - Start (7)

So	heduling/Effectiveness													De
	Start date		01.08	3.15	ē									
	Final date		31.03	8.18										14.
I	Date of signature (planned) *		01.05	5.18	6									
Qı	ality- and Approval Gates													
	Workflow phase	Gate		Туре	Mandat.	Planned	Date planned		Date actual	Appr	oval	Req.	Description/Hints	
	05 Initial review	00 CPC		QB										
	10 Request approved	00 CPC		QB				Ē		<b>i</b> 0				
14/														
	orkflow phase -Request-		Devi		en ne d'hu		the second states							
14	Checklist/Prerequisites					l- in tab -T	with requisitione CV-	ər						15.
	Sign off workflow phase -Reques	t-					This check	iox sig	ns off the current wor	kflow pha	e! Are	e all ne	eded requirements done?	
	Click here to cancel this project						Gate		Type Mandat. Pla	nned Dat	a plan	Ab	brechen OK	

#### Description

Signoff: After filling out the information in each slider a workflow phase has to be signed off. Once this is done, the next step in the sourcing process may start. Note: The checklist is generic, depending on the Cluster or BU, further actions have to be undertaken, until a workflow phase can be signed off.

15. Cancel project: By checking this box you will cancel the entire project (set status 95) you will have to insert a reason for this. Note: Not for local projects Note: Only an admin can reset the cancellation

## Procurement project - Financials (1)

Start	Financials Sourcing concept Specificat	ion RFx N	legotiation App	roval Contract	Handover	Logbook History Documents All figures/values	Audit Trail
1.	Currency Reference value * Internal/external Supplier Date contract becomes effective	EUR Europea Previous year External 27.03.19	In Community	(1 EUR = 1 EUR)		are in k€, k\$ Please insert w/o any , or . I	
c 2.	Contract Volume/TCV (LHP) Contract volume (kEUR) Baseline (p.a.) (kEUR)	Planned 120 125	Forecast 110	Contracted 0	Actual 0	Reference 110	1
3.	Savings assignment (LHP) (kEUR) ∧ Year Benefitting companies 2019 ▼ =+Add an empty row	Planned 5	Forecast 15	Contracted 0	Actual 0	Sav.type/cat.	Ē ē:
	Total savings (kEUR)	5	15	i nave changed value	es - piease click	the [Refresh/Upload] button when the	Changes are co

#### Description

- 1. General data: Please fill in project data for tracker as currency, reference value and supplier assignment. Please make sure, that thjis data is appropriate to savings reporting of current project!
- 2. Contract value: Fill in contract value according to workflow step (see below)
- **3. Savings assignm.**: Fill in savings per year and type:
  - Planned at creation time
  - Forecast within progress
  - Contracted after awarding
  - Actual in contract lifetime

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## Different currencies will be calculated according to exchange rate Savings can be assigned to 1..n different benefitting companies

2.		Contract value (Plan)	Contract value (Forecast)	Contracted	Contract value (Contract)	Contract value (Ref.)	
Contract volu	me (kCHF)	120	125	0	0	125	
Contract volur	me (kEUR)	111	115	0	0	115	
Baseline (p.a.	.) (kCHF)	0					
Savings assign	nment (LHT) (kCHF) 🔨						—
Year	Benefitting	Plan	Forecast	Contracted	Actual	Sav.type/cat.	
2019 -	LHT	• 3	8			Routine Price Reduction -	) D:
	LHT PD COM	•					
3.	LHT PD COM APU	•					
2015 -	LHT	Insert	additional	rows for		Routine Price Reduction -	) Ō:
	LHT PD ENG	oth	ier years ar	nd/or			
		<b>7</b>	'				
≡+Add an em		<b>7</b>	, fitting com			Duplicate or delete	ì
	npty row	bene	fitting com	panies		Duplicate or delete related row	į
2.Total savings	(kCHF)	<b>7</b>	'	npanies			
	(kCHF)	bene	fitting com	npanies Each cu	rrency		;
2.Total savings Total savings	npty row (kCHF) (kEUR)	5 4	fitting com	npanies ₀ Each cu (home and	rrency project)		ý
2.Total savings Total savings	(kCHF)	5 4	fitting com	npanies Each cu	rrency project)		Ż
2.Total savings Total savings	npty row (kCHF) (kEUR) Note: LHx, LX, OS	bene bene	fitting com	npanies ₀ Each cu (home and	rrency project)		ģ
2.Total savings Total savings	npty row (kCHF) (kEUR)	bene bene 5 4 S, LSG are companies	fitting com	npanies ₀ Each cu (home and	rrency project)		

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#### Description

2. Project currency: If currency is not local currency each line will be displayed for project and local currency. Note: Exchange rates will be imported by financial dept.

### 3. Savings assignment:

Separate unlimited rows for savings can be added and assigned to different years, benefitting companies, types etc. Rows can be duplicated or deleted with icons

Note: Currency for savings is always project currency, if different from local

LHG's savings definition has been changed in 2019 – now focus is more the direct effect on impact on EBIT instead of procurement result

## Procurement Success is the overarching key performance indicator of LPP.

It includes savings that are directly visible in the p&I (= Impact on EBIT) and savings which impact the financial result indirectly (= Procurement Performance).

**Procurement Success** = Impact on EBIT + Procurement Performance

## up to now

**Procurement Success** = Procurement Result + Procurement Performance

(LPP 2015 - 2018)

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new!

These different savings types are related to the fields "Reference Value" and "Savings Type" on tab "Financials" – make sure to choose the right controller!



There are defined fields in buy:process which are related to savings controlling, DI approvals and savings reporting (via Tracker)

## Savings related fields ...

- 1. **Procurement unit (Start):** BU, Department or Team in charge for project choose always your local team
- 2. Financial controller (Start): Responsible for DI2 / DI4 related approvals in BU for <u>savings with impact on EBIT</u>!
- **3. Procurement controller (Start):** Responsible for DI2 / DI4 related approvals in BU for <u>procurement performance</u>!
- 4. Cluster/Category: Relevant for savings assignment and reporting in Tracker
- 5. Reference value: Selection of general savings assignment: Impact on EBIT (→ Previous year) or Performance (→ Validated Target Value)
- 6. Internat/external supplier: Project is focused on external or internal supplier
- 7. Savings type: Type of savings related to reference value

#### Example

=

Category Manager John Doe (OS) negotiates a new Catering-Contract for LHG with the AirFood Company with the following atributes:

- Procurement unit: VIE O/FP
- Cluster: Airline Product & Services
  - Category: 220-01-01 Inflight Catering Food & Bev.
  - Supplier: External
  - Savings Type: Routine Price Reduction
  - Reference value: Previous Year (=Impact on EBIT)
  - Controller: Financial Controller responsible (due to Impact on EBIT)

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## Procurement project – Sourcing Concept (1)

Authorization by Authorization by	Skip all release re	equests!   SCM/Local H	lead-of-Procurement-		LF	IP (tbd.)	)
Please note:	Approval by mgmt.	could be needed due to TO	CV 115 kEUR (125 kC	CHF) > Authorisation li	mit 30 kEU	JR	
Initiative w/o Tender/RFX?							
Initiative w/o Tender/RFX		•		/			
Sourcing concept/Planned tender Sourcing team Type of RFX	Sourcing team	•		Monopoly su Formal board First order ex Supplier shift	decision	(<10%)	
Comment to planned RFX		1		Time shortag Cost/benefit	e		
Possible supplier				Other reason Quick BV			
Sourcing concept documents							

#### Description

- For some BU or cluster a dedicated release is needed for certain decision regarding tender waiver, other sourcing teams or rfx types. Note: In any case there is no release needed < 30k€ or if you choose "skip release" Note: In any case you need a special decision on the sourcing activity you have to insert a reason for that
- For initiatives e.g. w/o a tender you have to select the reason from a list and - if above a certain threshold add a comment

## Procurement project – Sourcing Concept (2)

Start	Financials	Sourcing concept	Specification	RFx	Negotiation	Approval	Contract	Handover	Logbook	History	Documents	Audit Trail	
A	uthorization by	•				_							
	Authorization t	by		Skip	all release requ	uests! • S	SCM/Local I	Cours	ing tean				
	Please note:			Appro	oval by mgmt. c	ould be need	ed due to T		-				
l.e	itietive vule Te								w board				
	itiative w/o Te								tive boa			-	
	Initiative w/o T	ender/RFX					•	Only p	procuren	n./depa	rtment		
	ourcing conce	ept/Planned tender						No so	urcing to	eam			
3.°													
	Sourcing team	1			rcing team	•							
	Type of RFX			Buy	Source -						- /		_
	Comment to p	lanned RFX									🗸 Buy:	Source	
4.											Stan	dard RFX	_
	Possible suppl	lier									Web	briefkaster	1
											Othe	rs	_
S	ourcing conce	ept documents									No te	ender/RFX	E.
	Document				Title/Tex	t				Size	User	Date	Action
5.	Durchsuch	hen Keine Datei a	ausgewählt.					1.					
	Durchsuch	hen Keine Datei a	ausgewählt.					/// ±					

#### Description

- The sourcing process requires a sourcing team – if there is a need to change this or to put another "decision gate" in place please select from the list and add a reason for that
- Same for the type of RFX, which should be buy:source – in any other case select type from list and add a reason
- 5. You can add several documents (unlimited number, size, types) according to this slider Note: Please click "Refresh/Upload" after selecting the file from local drive/network

In some BU or cluster some decision on certain sourcing aspects above a threshold have to be released by the superior manager

Process release requests (conceptual)



## Procurement project – Sourcing Concept (4) Detailed view in case of a release necessity

Star	t Financials Sourcing concept Specifica	tion RFx Negotiation Approval Contract Handover History Documents Audit Trail
	Authorization by	
	Authorization by	M1, Manager1 SCM/Local Head-of-Procurement LSG
	Please note:	Approval by mgmt. could be needed due to TCV 134 kEUR (150 kUSD) > Authorisation limit 30 kEUR
	Initiative w/o Tender/RFX?	
	Initiative w/o Tender/RFX	50 Time shortage
		△ Release requested (sent): Peter Rüffer (10)
	Comment to pass on RFx	Ŧ
2.	Selected supplier	
3.	Last awarding w/o RFx	
4.	Supplier already in place for delivery	
	Sourcing concept/Planned tender	
	Sourcing team	XX No sourcing team
		Released: Peter Breuer (90 / 04.06.18)
	Comments to sourcing team	

#### Description

## 2./3./4. Release by superior

- If contract volumes are above a certain limit (e.g. 30 k€) AND releases are needed a manager for auth. have to be selected
- There are special buyer's decisions within the sourcing workflow which are crucials parts of the sourcing concept
- For pre-defined situations release requests and reasons why/comments are needed
- The relase will be sent aut. automatically to the selected manager for authorization

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## Procurement project - Specification (1)

	omment to spec./concept Comment to spec./concept										+	]	
											///-		
S	pecification documents												
	Document		-	Title/Text					Size	User	D	ate A	ction
	Durchsuchen Keine Da	tei ausgewählt.						//. +					
	C		1					1.00					
	Durchsuchen Keine Da	tei ausgewählt.						the state of the second	-1 -11				
	Durchsuchen Keine Da	tei ausgewählt.						irst che					
	Durchsuchen Keine Da	tei ausgewählt.					plar	nned ga	tes an	d			
Q	Durchsuchen Keine Da	tei ausgewählt.					plar		tes an	d			
Q		tei ausgewählt. Gate	Туре	Mandat.	Planned	Date plan	plar in	nned ga	tes an e date	d	eq. C	Description/Hit	nts
Q	uality- and Approval Gates		Type Q P	Mandat.	Planned ☑	Date plann 12.09.18	plar in	nned ga sert due	tes an e date App		2	Description/Hi 2018-09-12 20:29:35 Peter	

#### Description

- Choose here whether you would like to type in your specification or just attach your documents.
- For specification there are also certain **approval gates** – depending on thresholds.

Note: You can skip approvals by unchecking the planned checkbox – if this may be appropriate to the current tender and your level of authorities. Note: Please check the 2<sup>nd</sup> checkbox for approval – reset is only allowed for admins.

## Procurement project - RFX (1)

-	Supplier	Contact person / Comments	Offer date					Offer/kEUR	Short	Remove
	AD AEROSPACE in GB #205102	Contact Person 1	E 01.06.18	ē	122 k	EUR	•	122 0		
			FI		0 k	EUR	•			
		Text1335			0 k	EUR	•	0		
-		, C		ē	k	USD	-	0	0	
			F		k	USD	•	0		
		1.			k	USD	•	0		
		E	E	ē	k	USD	•	0		
			Ð		k	USD	•	0		
					k	USD	-	0		
C	Current tender Sourcing/Rfx. no. (buy:source) Comments to tender	1234567	Dias		nsert th			E		

#### Description

- 1. The **long listed supplier** can be inserted/created in the RFX slider – also further info as **contact person** and **comments.**
- 2. The links to the **buy:source** and further comments can be typed in here.

Note: In this workflow phase the tender activities start. The offers can be requested by email or buy:source, depending on cluster etc. Note: Please insert the offer data into the fields for short listing.

## Procurement project - RFX (2)



#### Description

- 1. The **long listed supplier** can be short listed for next step "Negotiation" or removed from list with checking the checkboxes
- 2. If a supplier is not part of the master data, the supplier's company can be added as a new one for tendering. Please fill in the needed fields.

Note: A generic number will be assigned to this supplier, which is not the later SAP number.

Note: The supplier will be available also for other RFX.
### Procurement project – Negotiation (1) Only needed if offers are available

	Supplier	Offer	Offer/kEUR	Final price	ce	Final price/kEUR	Comments			Propos
•	AD AEROSPACE in GB	122 KEUR 0 KEUR 0 KEUR	122 0 0	100 0 0	kEUR kEUR kEUR	100 0 0	Check	for co wardin		
N	egotiation documents/checklist									
	Document		Title/Text				Size	User	Date	Action
	ptanegdoc_642_Testdokument1.pdf						12	PR	25.06.18	Ē
	Durchsuchen Keine Datei ausgewä	hlt.				11. +				
	Durchsuchen Keine Datei ausgewä	hlt.				/// <b>+</b>				
						Contract Fact Sh	a at vlav			

#### Description

1. The **short listed supplier** can be edited here with their detailed offer data. All the suppliers that you have marked for the short listing in the process step "RFx" will pop-up here. Different offers/lots with separate currencies can be handled.

#### Note:

A. Please check box"Proposal" if supplier will be awarded for contract.B. More than one supplier can be checked and selected.C. Related documents can be upload as on the other sliders

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### Procurement project – Negotiation (2) Only needed if offers are available

Start	Financials	Sourcing concept	Specificatio	RFx	Negotiation	Approval	Contract	Handover	Logbook	History	Documen	nts Audi	it Trail	
Su	pplier for Neg	otiation (short list)												
	Supplier		Offe	r	Offer/kEUR	Final pri	се	Final price/kEUR	Comm	ents			P	roposed
	AD AEROSPA	CE in GB	122 0 kE 0 kE		122 0 0	100 0 0	kEUR kEUR kEUR	100 0 0				+		
	•	uments/checklist			Title/Text					Cine		ata.	Action	
	Document	2_Testdokument1.pdf			Title/Text							Date	Actio	
	Durchsuche	-						// +			2	0.00.10		
	Durchsuche		•											
2. (	CFAS Template	available at		http://loc	alhost:8888/pro	cresolvo/data	a/templates/C	ontract_Fact_	Sheet.xlsx					
Wo	orkflow phase	-Negotiation-												
(	Checklist/Prere	quisites		<ul> <li>Fill out</li> </ul>	T-Mgmt. before contract summ eview of warran	ary sheet (TF	M only)							

#### Description

2. The CFAS (Contract-Fact-Sheet) templates is available via the link for editing and uploading.

> Note: Use the link for the CFAS Template, if your BU or cluster needs this sheet for local approval.

Note: The CFAS will be the mandatory document for group wide approval process in the future – you will find currently valid version here!

### Procurement project - Approval (1)

	Workflow p	bhase	Gate	Туре	Mandat.	Planned	Date planned		Date actual		Approval	Req.	Description/Hints
1.	60 Boards	approved	10 CBAP	ΑB	<mark>⊘</mark> 2.	<mark>⊘</mark> 3.	12.09.18		12.09.18				2018-09-12 00:06:20 Peter Rüffer
	60 Boards	approved	20 FC Financial Committee	ΑB			28.05.18	)	13.09.18				2018-09-13 21:24:26 Peter Rüffer
	60 Boards	approved	30 MB Mgmt. Board	ΑB			28.02.19	ē					
	60 Boards	approved	40 LH EB	ΑB				ē					
	60 Boards	approved	50 BOD	ΑB				ē					
	60 Boards	approved	60 LHG Exec. Board	ΑB				ē		ē			
			adad LC22										
		Approval nee			_								

#### Description

 Depending on the BU or the cluster, the Quality- and Approval Gates structure adapts automatically on each tab related to the Workflow phase.

Note: Different gate types lead to complete different behavior of the tool!

- 2. Mandatory: If the gate is mandatory the box is checked – a mouseover shows information about the gate's thresholds etc.
- 3. **Planned**: If this gate is mandatory and planned (!) within your sourcing workflow please check the box and insert a scheduled date for the gate.

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Limit: 100

### Procurement project - Approval (2)

Wor	rkflow pha	se	Gate	Туре	Mandat.	Planned	Date planned		Date actual		Approva	Req.	Description/Hints
60 E	Boards ap	proved	10 CBAP	ΑB			12.09.18		12.09.18 <b>4</b> .			5	2018-09-12 00:06:20 Peter Rüffer
60 E	Boards ap	proved	20 FC Financial Committee	ΑB	<b>v</b>		28.05.18		13.09.18				2018-09-13 21:24:26 Peter Rüffer
60 E	Boards ap	proved	30 MB Mgmt. Board	ΑB			28.02.19	•		•			
60 E	Boards ap	proved	40 LH EB	ΑB				ē					6.
60 E	Boards ap	proved	50 BOD	ΑB									
60 E	Boards ap	proved	60 LHG Exec. Board	AB				ē		ē			
			This checkbo	x appr	roves the	e quality-	/appoval ga	te - u	ndo is not po	ssible			

#### Description

- 4. Date actual & approval: If the approval has been given within the sourcing workflow insert the corresponding date and check the box a warning has to be acknowledged. Note: If the gate type is external or group gate you are not allowed to approve the gate – please contact the stakeholder!
- 5. Send request: For some gates you can send a request to the named person by checking the box in this column – the mail will be sent out during save.
- 6. After the approval the **info** who and when the approval has been set will be displayed here.

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# Depending on the BU, the Quality- and Approval Gates adapt automatically – the approvals have to be set by the responsible person for each respective

#### date Workflow phase Gate Type Mandat, Planned Date planned Approval Reg. Description/Hints Date actual $\checkmark$ $\checkmark$ AΒ $\checkmark$ 60 Boards approved 10 O/TC 12.09.18 12.09.18 2018-09-12 00:06:20 Peter Rüffer 1. OS $\checkmark$ $\checkmark$ roved 20 O/T AΒ 2018-09-13 28.05.18 13.09.18 21:24:26 Peter Rüffer 60 Boards approved $\checkmark$ 28.02.19 Ħ Ē 30 MOB ΑВ 60 Workflow phase Gate Type Mandat. Planned Date planned Date actual Approval Reg. Description/Hints 60 60 Boards approved ΑP $\overline{\phantom{a}}$ 2018-09-12 10 Category 12.09.18 12.09.18 60 00:06:20 Peter Rüffer Director 2. Manager3 M3 LSG $\checkmark$ $\checkmark$ 20 HOP ΑP 2018-09-13 oved 28.05.18 13.09.18 Manager1 M1 21:24:26 Peter Rüffer $\checkmark$ 筒 筒 60 Boards approved 30 Reg.Board AB 28.02.19 Type Mandat. Planned Date planned Approval Req. Description/Hints Workflow phase Gate Date actual 60 $\checkmark$ 戶 Ħ 55 Internal approved 10 Crew AE Manager1 M1 60 3. $\checkmark$ $\checkmark$ 戶 筒 20 Security 55 Internal approved AE Manager2 M2 $\checkmark$ $\checkmark$ roved 10 CBAP AΒ 12.09.18 12.09.18 2018-09-12 IX 00:06:20 Peter Rüffer (Hotel) $\checkmark$ < roved 20 FC Financial AB 28.05.18 13.09.18 2018-09-13 21:24:26 Peter Rüffer Committee

#### Description

- 1. **BU OS**: Gates 60-xx based on Board approvals, which will be done within tool.
- 2. **BU LSG**: Gates 60-xx based on Personal approvals, which have to done by the manager roles manually.
- 3. BULX Crew Hotels: Gates 55-xx External approvals here Crew and Safety which have to be done by the manager roles, who do not have any access to the tool.

Note: If request is checked they will get a notification email which contains a onetime-token for this gate.

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### The quality and approval gates within the process are crucial – Different types lead to different behaviour and stakeholder communication Handling of guality and approval gates -overview

Buyer (= Start) Workflow

Board

(MOM)

Туре Description/Sample Approval by board Board No mail requests E.g. PB, MB, GEC ... Personal approval Personal Mail within link to Prog. E.g. MOP, Controller ... External approval Mail with one-time token E.g. Safety, crew ... Automatic approval by system Mail request for local SCM Group Local signoff needed for and approval on group level

Source: MatrixPartner





In tool

### Procurement project - Contract (1)

Start	Financials Sou	rcing concept	Specification	RFx	Negotiation	Approval	Contract	Handover	Logbook	History	Documents	Audit Trail
1.	Contract and project Supplier	details			32 AD AEROS 24 Andries & C			Krefeld / DE				
2.	Contract no. (buy:co	-	<b>EI</b> Plea	C2018-08002 C2018-02 ase fill in c		ch supplier in	the following	data fields.		111	3	
3.	Project no. (SAP) SAP supplier no. Supplier CAGE Cod										-	
	Comments to contrac Comments to contra									1	3	

#### Description

- 1. Supplier: The 1..n supplier you have checked on the tab "Negotiation" will be listed here with their contact data.
- 2. Contract Number: Type in the contract number as soon as the contract has been created in buy:contract. You can type in several contracts separate them with a newline.

Note: The deeplinks to buy:contract will be generated automatically below.

 Consider to insert additional or updated SAP supplier no., project no. and/or CAGE codes as well.

### Procurement project - Handover (1)

Start	Financials	Sourcing concept	Specification	RFx	Negotiation	Approval	Contract	Handover	Logbook	History	Document	s Audit Trail
Co	omments to in	nplementation										
	Comments to i	implementation									+	
										///.		
<b>1.</b> на	andover docu											
	andover docu	ments										
	Document	ments			Title/Text				Size	User	Date	Action
			i ausgewählt.		Title/Text			// ±	Size	User	Date /	Action
	Document	hen Keine Date	i ausgewählt.		Title/Text			Ĩ. ₩ ₩	Size	User	Date /	Action
	Document Durchsuc	hen Keine Date			Title/Text				Size	User	Date /	Action

Workflow phase -Handover-

Checklist/Prerequisites

- ERP Contract Management updated
- · Consider ERP data tracking (if applicable)
- Contract summary sheet uploaded in buy:contract
- Communication to supplier
- Briefing of affected departments
- · Contract administration finalized (buy:contract)
- Savings administration finalized (Tracker 2.0)

#### Description

1. Comments to implementation: In this tab you may type in your comments for handover and/or upload your specific handover documents. This tab/process is the last one to be signed-off. The project will receive the status closed (90) then.

Note: The system sends a notification e-mail to the stakeholder.

Note: All mandatory fields and signoffs have to be filled in and closed before this final signoff!

### Procurement project - Handover (2)

This email is intended to inform you that your procurement request has been closed

No: 2018552 Initiative/Task: Lanyards

Assigned LHG group buyer: Minela Jawor (/ <u>minela.jawor@swiss.com</u>) Participating group company: LX Requestioner: (/)

2.

Project no. (SAP): SAP supplier no.: Supplier CAGE Code: Valid from:2019-05-01 Savings: 0

Purchase of new lanyards with current branding

You have been invited to the respective contract. Please follow the link for more information. The contract is now ready for business usage

#### Description

2. The system sends a **notification e-mail** to the stakeholder.

Note: Fill in all data for supplier - due to complete information for the mail recipient!

### Procurement project – Logbook

Star	Financ	ials	Sourc	ing cor	ncept	Specification	RFx	Negotiation	Approval	Contract	Handover	Logbook	History	Documents	Audit Trail
	Create log	gbook	entry												
	B I	Ū	S		≣	11pt	-	<u>A</u> – <u>A</u> –	P						
1.	1														
1.															
	Save														
	Logbook I	nistory													
	User		Date/T	īme	E	nry									
2.	PR		2019-0 23:32:		• R • B	irst Draft of sup lecaro E Aerospace									ŌF
					V	/orkflow: 00 - Cr	eated/ope	ned							

#### Description

1. Logbook entry: In this tab you may type in your personal comments for different stages and steps within the sourcing workflow.

> You may also want to format your text, e.g. bold, italic, numbered list, unsorted list, colored text/background and insert links ...

2. All Logbook entries will be shown in the history. You can deactivate them with the trash.

Note: Entries will not be deleted, but only deactivated/crossed out.

### Procurement project – History

Start	Financials Sourcin	g concept Specification RFx Negotiation	Approval Contract Handover	Logbook History Documents Audit Tra
<b>1</b> . <sup>D</sup>	escription for traffic lig Description for traffic lig		lan failed /	
S	tatus and audit trail			
	Date/time	Event	Workflow	User
	2017-12-07 10:13:58	Activities/nextstep changed: evaluation of proposals evaluation of proposals (part of Honeywell group tend		HOON
2.	2017-05-31 16:19:30	Activities/nextstep changed: Shortlisting (grouptender -> evaluation of proposals	30 RFx finished/Short list	HOON
	2017-05-31 16:19:30	Workflow status changed: 05 -> 30 RFx finished/Short list	30 RFx finished/Short list	HOON
	2017-04-10 08:56:46	Activities/nextstep changed: Invite Honeywell -> Shortlisting (grouptender)	05 Initial review	HOON
	2016-02-26 09:00:57	Responsible buyer changed: MHMI -> HOON	00 Created/opened	MHMI

#### Description

- 1. Traffic lights: The traffic lights will be set overnight related to the specific data of the entry. The reasons for the traffic lights will be shown here.
- 2. Audit trail: Each update/save of the current entry will be listed in this audit trail incl. Date/time, event, related workflow step and user.

Last approval (QG)

Quality gates

Last approval (QG) Approval gates Last approval (AG) 2016-04-07 15:37:53 0 0000-00-00

0

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### Procurement project – Documents

Start	Financials	Sourcing concept	Specification	RFx	Negotiation	Approval	Contract	Handover	Logbook	History	Docum	ents	Audit Trai
1.	ocuments/att ⊇ Please click	achments here to insert new do	cuments or attac	hments	now								
A	II documents	of workflow phases											
2.	Document				Title/Text				Size	User	Date	Action	
۷.	ptanegdoc_6	642_Testdokument1.pd	df						12	PR	25.06.18	모	i
					Therefore select  1. Please first s  Durchsuche  2. Then insert t  2. Then start t	elect a file to a n Keine D he title (line 1)	uttach: atei ausgewähl and a descrip	It.					
					3. Then attach t Attach	the document	o your entry.						

#### Description

- 1. New documents: Besides the documents on the previous tabs you can insert additional general documents here, which are not related to a certain tab or workflow step
- 2. All documents: This area contains all uploaded documents linked to this procurement project, regardless to which tab they are assigned.

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### Procurement project – Audit trail

art	Financials	Sourcing concept	Specification	RFx Negotiation	Approval	Contract	Handover	Logbook	History	Documents	Audit Trail
Tra	insaction	Date/Time	User	Ac	tivity	Те	ext				
209	968	2019-02-28 21:20:33	PR	sav	V	E	ntry changed b	by PR from 8	8.72.187.24	5	
209	926	2019-02-28 17:56:17	PR	sav	/	E	ntry changed b	by PR from 8	8.72.187.24	5	
209	925	2019-02-28 17:55:54	PR	sav	V	E	ntry changed b	by PR from 8	8.72.187.24	5	
209	924	2019-02-28 17:55:42	PR	sav	/	E	ntry changed b	by PR from 8	8.72.187.24	5	
209	919	2019-02-28 17:35:14	PR	sav	V	E	ntry changed b	by PR from 8	8.72.187.24	5	
207	747	2019-02-19 00:12:11	PR	sav	/	E	ntry changed b	by PR from 8	3.135.21.50		
207	746	2019-02-19 00:12:03	PR	sav	v	E	ntry changed b	by PR from 8	3.135.21.50		
207	745	2019-02-19 00:11:52	PR	sav	V	E	ntry changed b	by PR from 8	3.135.21.50		
207	744	2019-02-19 00:11:31	PR	sav	V	E	ntry changed b	by PR from 8	3.135.21.50		
207	743	2019-02-19 00:10:47	PR	sav	V	E	ntry changed b	by PR from 8	3.135.21.50		
207	742	2019-02-18 22:43:25	PR	sav	V	E	ntry changed b	by PR from 8	3.135.21.50		
206	619	2019-02-07 18:58:40	RMB	sav	/	E	ntry changed b	by RMB from	79.216.52.	145	
206	615	2019-02-07 18:29:54	RMB	sav	v	E	ntry changed b	y RMB from	79.216.52.	145	
206	614	2019-02-07 18:29:19	RMB	sav	V	E	ntry changed b	by RMB from	79.216.52.	145	
206	613	2019-02-07 18:29:04	RMB	sav	/	E	ntry changed b	y RMB from	79.216.52.	145	
202	252	2018-11-08 10:51:22	PR	sav	V	E	ntry changed b	by PR from 1	88.101.80.2	04	

Description

• **Audit trail**: This is the extended view of "History" and is important for audit reasons.

Group-wide procurement initiatives will be assigned to a Category manager/ a cluster and handled reportedly via a virtual LGH group company Handling of group initiatives

#### Attribute of group-wide initiatives

- 1...n BU/companies join one group-wide procurement initiatives driven by a LHG cluster
- A category manager of one cluster is in charge of this sourcing initiative and drives the workflow/ process for the entire contract volume
- Review, setup, supplier long short listing, selective negotiation and contract awarding is done by the CM
- All approval gates will be coordinated with the BU
- Local approval processes and handover to operation is done by every joint company by assigned SCM
- Reporting of initiatives (initiative + savings) is done for the entire volume and each company by CM

#### Solution in buy:process

- Category manager/CM creates overall initiative as virtual BU/company "LHG" with flag "group initiative"
- Participating companies are added on separate tab with their specific data, contract volumes etc.
- Master project is the active entry enclosing the entire volumes of sub projects and driven by the CM/cluster
- References of this master entry are created / updated automatically for each participating BU/company based on their specific attributes
- There slave / referee entry are shown in the companies' dashboards and reported to Tracker
- Approvals are planned/documented in local entries based on the local governance, guidelines, thresholds etc.
- Note: Cluster projects with only 1 (!) participating company can be handled like a local project (w/o group)

### Procurement project – Group projects (1) Create group/cluster project with 1..n participating companies

Start	Financials Sourcing concept Specification	n RFx Negotiation Approval	Contract Handover	Logbook	History	Documents	Audit Trail
1.	Responsible/participating companies Group Company * Participating companies	LHG GROUP CLH Cityline LHP LH Passage LX Swiss	EW Eurowings LHT LH Technik OS Austrian Airlines		LSGL	i LH Cargo .SG Group delweiss	
	Procurement-Unit * Confidentiality	FRA AT/C Lufthansa Group	•				_
	Financials Source g concept Specification Responsible/participating companies Group Company *	RFx Negotiation Approval	Contract Handover	Logbook	History	Documents	Audit Trail
2.	Procurement-Unit * Group-wide master project	HAM FP/TG Lufthansa Technik Please click here to open group project	t for further information (67	4)		irect linl oup proj availat	ects is

#### Description

1. Choose **LHG Group** (for group projects).

Note: Select first the participating companies for sourcing project – all local entries will be created and managed automatically.

2. In **local project entry** also some data has to be inserted, but all category or tender related data will be managed by the category manager!

Note: On local level a SCM has to be assigned to the project!

The workflow is driven on master level by the CM/cluster but all approvals and handovers are done in the local BU/companies driven by the assigned SCM Handling of lead by initiatives - information overview

Lead buy level (master)



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## Procurement project – Group projects (2)

Add financial separately for each participating company

Contract Volume/TCV (LHT LH Technik)					
	Planned	Forecast	Contracted	Actual	Reference
Contract volume (kUSD)	0	0	0	0	0
Contract volume (kEUR)	0	0	0	0	0
Baseline (p.a.) (kUSD) <b>3a.</b>	0				
Savings assignment (LHT LH Technik) (kUS	SD) 🗸				
Total savings (kUSD)	0	0	0	0	
Total savings (kEUR)	0	0	0	0	
	U				
Contract Volume/TCV (LX Swiss)	Planned	Forecast	Contracted	Actual	Reference
Contract Volume/TCV (LX Swiss)					Reference 0
	Planned	Forecast 0	Contracted	Actual	
Contract volume (kUSD)	Planned 0	Forecast	Contracted o collapse area for	Actual 0	0
Contract volume (kUSD) Contract volume (kEUR) Baseline (p.a.) (kUSD)	Planned 0 0 0	Forecast o Expand/o savings a	Contracted o collapse area for	Actual 0	0
Contract volume (kUSD) Contract volume (kEUR) Baseline (p.a.) (kUSD) <b>3b.</b>	Planned 0 0 0	Forecast o Expand/o savings a	Contracted o collapse area for	Actual 0	0

#### Description

 Financial data: The financial data – contract volume and savings – will be typed in separately for each participating company.

> Note: All savings can be assigned in the same way as for local projects - incl. benefitting companies, different savings years and types ...

> Note: Use the icons to expand/collapse the savings area for each BU on the tab.

### Procurement project - Group projects (3)

Approvals are part of local governance – therefore the SCM are responsible

	Workflow phase	Gate	Туре	Mandat.	Planned	Date planned		Date actual	Approval	Req.	Description/Hints
	55 Internal approved	00 TPAB	ΑB	<b></b>			ē				
	60 Boards approved	10 TFM RB	ΑB				ē				
	60 Boards approved	20 TEB	ΑB				ē				
4.	60 Boards approved	99 All GC approvals	A G				ē				
		LHT LH Technik									Peter Rüffer
		$\hookrightarrow$ LX Swiss									Not assigned!
		G Austrian									Not assigned!
Airlines						If local SCN					

#### Description

4. Approval gate structure: A LHG group project follows simple approval gates – but for certain gates local approvals incl. signoffs (!!) are a mandatory prerequisite

> Note: Local approvals must not be set manually by the group buyer, but by the local responsible SCM in the BU!

> Note: By checking the request box a notification email will be generated as a reminder for the local SCM – if already assigned!

### The quality and approval gates within the process are crucial – Different types lead to different behaviour and stakeholder communication Handling of guality and approval gates -overview

Туре Description/Sample Buyer (= Start) Approval by board No mail requests E.g. PB, MB, GEC ... Personal approval Mail within link to Prog. E.g. MOP, Controller ... External approval Mail with one-time token E.g. Safety, crew ... Automatic approval by system Mail request for local SCM Group Local signoff needed for and approval on group level Source: MatrixPartner



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### Procurement project – Project overview

Different filter criteria and selections lead to the complete project portfolio

Search	1.	Employee	Rüffer, Peter		2. Vorkflow step All o	open	3.	De	escription
Group Company Display all	4.	Filter profile	Display all	•	5.			1.	Fulltext <b>search</b> over all
Search New entry									projects
No. Project	GC	Emp./Team	Requisitioner	Cluster	Category	Financial V	Norkf/Status	2.	Responsible
2016193 Sample project retrofit A320	LHP	Rüffer / LX LSG TCA	/ TCATP			550 kEUR 0 568 kEUR	05 📕 🔴		employee/buyer or involved stakeholder
2018092 TEST PR U	LX	Rüffer / LX LSG	Rüffer / LX LSG Unknown	TFM	210-01-01 Line Maintenance	0 kUSD 0 0 kCHF	00 🔴 🔴	З	Select certain workflow step
2018103 30TFM D-Checks 320	LHG	Rüffer / LX LSG LHG1	Rüffer / LX LSG Unknown	TFM	010-02-01 OEM Material (w/o alt. So	alt. 1,014 kUSD 00 00		0.	or choose "All open" (0085)
2018103 30TFM D-Checks 320	LHT	Rüffer / LX LSG TN		xx	010-02-01 OEM Material (w/o alt Financials are	330 kUSD 0 295 kEUR	USD 00 • • 4		Select certain <b>group</b>
2018107 New Office Building	LHT	Rüffer / LX LSG FPTM1	Hünsch / LHP HAMT/TS	REM	display in project	295 KEUR	10 🔴 🔴		company or choose "All"
lcons indicates group, participating or local projects					indi	Y Traffic lights icates status f mpact & Time	-	5.	Pre-defined <b>filter profiles</b> for certain clusters – a second listbix will appear if more selections are possible

Note: The results are depending your role and the related rights!

### Procurement project – Project overview

### Defined updates, events and workflow signoffs trigger a notification email Roles and responsibilities

Workflow	Event/trigger/reason	BU/GCM contact	Requisit./ Stakeh.	Respons. Buyer	Local (SCM)	Approver	Controller (F/P)
00 Created	<ul><li>Information about a new project</li><li>Possibly buyer not assigned yet</li></ul>	Yes	Yes				
00-70 Overall	<ul> <li>Every (!) update/change of responsibilities, e.g. buyer or requisitioner</li> </ul>		(Tbd.)	(Tbd.)			
20 Specification 60 Approval	<ul> <li>Request local approval by SCM, stakeholder/approver or controller</li> </ul>			Yes <sup>1)</sup>	Yes <sup>2)</sup>	Yes <sup>3)</sup>	Yes <sup>4)</sup>
20 Specification (Signoff)	<ul> <li>Inform team about exception or decisions within sourcing process, e.g. tender waiver or no sourcing team</li> </ul>				Yes (if needed)		
70 Handover (Signoff)	<ul> <li>Sourcing activity finished and project closed</li> </ul>		Yes	Yes		Tot	
95 Cancelled	<ul> <li>Inform team about cancellation of sourcing activity and project close</li> </ul>		Yes			To be deci	ded!

1) Buyer in group project when local signoffs completed 2) Local SCM in group project 3) Local approver, e.g. SCM (personal) or safety, crew (externa) 4) Financial or procurement controller

### Procurement project - Project dashboard

Dashboard offers specific views and analysis regarding the overall iniatives

Group	Company Display all •			Master project Display all					tatus milestones Display all ▼								
Employee Display all					T	Filter pro	ofile	Displa	ay all	۲							
Refr	esh																
Categ	jories	Group Company	Proc.Plan	12 M	onths (1	final)	2 Months	(approv.)	LPP/	Savings							
	Categor	ry/Workflow		00	05	10	20	30	40	50	55	60	70	75	80	85	Σ Total
	010-00	-00 Technics															
	010-01-00 Services & Maintenance		aintenance	2 0													2
	010-01	-01 Line Maintena	nce	3 200		5 444									1 218		9 863
	010-01	-02 Base Mainten	ance	15 0		13 131,519	3 10,539 스	1 4,500	4	3 2,780							39 149,338
	010-01	-03 Component Se	ervices	18 0	4 0	3 12,961			1 0	1 564							27 13,525
	040.04		O a m da a a			-	0		-	•	Detailed in	nfo				-	
	010-01-04 Landing Gear Services		Services	1 2,308			6 1,208		1 0 🛆		2018532 Warranty Claim - Company LHT - TCV 9 kEUR / 10 kUSD						8 3,516
	010-01	-05 Engine Service	es	3 0	7 0	9 10,456	2 5,235	2 447,000		1					24 463,258		
	010-01	-06 APU Services		1 0	5	2 811	1 2	1 0									10 818

#### Description

- Different views are available mouseover for details and assigned projects for each cell
- Categories: Projects in workflow phases for each category
- Group company: Dito for responsible group companies
- Proc. Planning: Dito for the next ten year savings forecast
- 12 Months (final): Projects to complete within the next 12 months
- 12 Months (appr.): Projects to approve within the next 12 months
- LPP/Savings: Savings forecast for the next ten years

The external "Procurement-Request-Form" offers an easy and efficient ways to place the demand for the demand department and the stakeholder

Construction Lufthansa buy:Process STA	GING/TRAINING - Procurement Request Form	6   🌚
Language selection		
Language selection	English	
Your data as the requestioner		
Group Company *	Please select -	
	Name Department Mail	
Requisitioner *		
Other stakeholder, controlling, legal		
Stakeholder 1		
Stakeholder 1		
Stakeholder 3		
Description of activity/task		
Project name *		
Project description *	Ŧ	
	li.	
Main category *	Please select	
Purchasing type	1 New Contract	
Station (3LC)		
Start date		
Final date		
Year of contract completion *	Please select	

#### Description

- The Procurement-Request-Form is available for all LHG employers via eBase and contains basic information about the new demand request
- The new sourcing initiative will directly be feed into buy:process, but will be marked as "not released"
- The demanding party will get a first response e-mail as an acknowledge
- After release of the sourcing initiative and the assignment of a buyer in charge he/she will get an update e-mail

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### Supplier Master Data – Overview Suppliers have been imported from buy:IT masterdata

Search Q		Q GI	Group Company Display all.		. •	<ul> <li>Status</li> </ul>			Display all •		
Product / service portfolio Display all		ew profile	Supplier de	tails 🔻	Filter profile			Display all		•	
Sear	New er	ntry									
Comp.	No.	Supplier	City	Country	Consolidate	Res./LB	CIs/IE	SRM	SRM/Audit		St
	0080025407	(BOM) BLUE DART EXPRESS LIMITE	MUMBAI	IN			СE				00
	0080025263	(GGN) BLUE DART EXPRESS	GURGAON	IN			СE				00
	0080025907	1133 MANHATTAN AVENUE LLC	BROOKLYN	US			СE				00
	0030132893	13 Photo AG	Zuerich	СН			СE				00
	0040129622	15below Limited	Brighton	GB			СE				00
	0080025640	1ALS GmbH	Alsbach-Hähnlei	DE			СE				00
	0040129906	25 Repair Centre Ltd.	Lavant, Chiches	GB			СE				00
	0030132725	25hours Hotel Zuerich West AG	Zuerich	СН			СE				00
	0040129820	2e Systems Gmbh	Bad Soden	DE			СE				00
	0040129685	3 Points Aviation	Conception Bay	CA			СE				00
	0080025473	360 degrees Cupola GmbH	Berlin	DE			СE				00
	0080025433	365 Digital Publishing, a divi	Woodstock,Clare.	. ZA			СE				00
	0080026256	42nd Street Hotel, LLC	New York	US			СE				00
	0040129603	4C GROUP AG	München	DE			СE				00
	0080026317	4nove Pte Ltd	SINGAPORE	SG			СE				00
	0080026007	A C International		IN			CE				00

#### Description

- Your will find all imported and manually created supplier in supplier masterdata
- Any changes or correction of typos can be done here
- Note: New manually created supplier will also be available in this list – supplier no. starts with 9xxxxxxxx
- Note: Changes here will not have any effect on other tools

### Supplier Master Data – General Data Also the new inserted supplier are stored here

Group Company	Supplier no.	0040129906	name	25 Repair Centre Ltd.
Responsible/Lead Buyer	<ul> <li>Consolidate to</li> </ul>	supplier	Status	00 Open/created •
Save+Close Save General Extended Details SRM Risk asse	ssment Registration	Assessment Communication	Documents	Audit Trail
Adress data				
Street	Unit 2C-3 Eastmead Ind	ustrial Estat		
City-Code	PO18			
City	Lavant, Chichester			
Country	GB United Kingdom	T		
Web address				
Contact person				
Appellation	M Mr. 🔻			
Contactperson Name				
First name				
Mail address				
Language	EN Englisch 🔻			
Further IDs/assignments				
Internal/ext. Supplier	E External 🔻			
External number (e.g. DUNS)	SYN067297916			
External name	25 Repair Centre Ltd.			
Group assigment 15				
Group 2				
Group 3				
Group 4				
Comments				
Comments				Ŧ

#### Description

- Your will find all imported and manually created supplier in supplier masterdata
- Any changes or correction of typos can be done here
- Note: New manually created supplier will also be available in this list – supplier no. starts with 9xxxxxxxx
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### Agenda

Introduction and learning targets

What buy:process is all about

Source-to-Contract process

buy:process at a glance

Live demo based on defined use cases

Go-Live timeline, organizational matters and questions

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### Now we will prove and discuss the three fundamental use-cases in detail ...

#### Fundamental tool's use-cases

Local buy (below threshold)

- Smaller or delegated sourcing activities, due to low purchasing volume or operating model
- Local SCM is responsible
- Only local governance is applicable
- Due to lower volume no or minor approvals needed
- Buyers are able to decide themselves on all aspects w/o releases by procurement superiors
- Complexity of process low
- Complexity of collaboration low

 Delegated sourcing activities, due to operating model

Local buy

(with local approvals)

• Local SCM is responsible

2

- Only local governance Is applicable
- 1...n approvals by local mgmt. needed
- Releases by procurement superiors are needed for some/all decisions on sourcing aspects of buyers
- Complexity of process middle
- Complexity of collaboration
   low/middle



## **Group project** (with 1 ... m participating BU)

- Group wide sourcing activities, due to high volume, bundling opportunities or complexity
- Cluster/Category Mgr. is responsible
- 1..m local (different!) governances have to considered
- 1...n approvals by 1...m local BU are needed and have to be coordinated in common with the local SCM
- Releases by GCM are needed for some/all decisions on sourcing aspects of CM
- Complexity of process high
- Complexity of collaboration high

### Please use our "Training System" for walk through and live demo ...

Access to training system



### Group exercise 1: Local demand, below threshold (30 k€)

Exercise 1

### Please form groups of 2-3 and step together through the workflow:

- Local demand
- Below any threshold (30 k€)
- No special workflow aspects (like no-tender or no-sourcing team)
- Insert savings for 2 years (no benefitting company, only cost reduction)





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### Group exercise 2: Local demand, but above threshold (appr. 300 k\$)

Exercise 2

#### Please form groups of 2-3 and step together through the workflow:

- Local demand above threshold (appr. 300 k\$, project currency USD)
- Without RFX  $\rightarrow$  Select manager for release
- Savings with 2 benefitting companies (where applicable) and with 2 year of savings
- Type in new supplier
- Use mandatory approval gates for your BU





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### Group exercise 3: Group project - above threshold (appr. 600 k€)

Exercise 3

Please form groups of 2-3 and step together through the workflow:

- Group project above threshold (appr. 600 k€) for Cluster TEC
- For 2 BU as local demand  $\rightarrow$  Manage project also on local level as a SCM:
  - LX 400 k€
  - LHT 200 k€
- 2 years of savings
- Type in new and existing supplier
- Use mandatory approval gates for cluster (LHG) and participating BU (LX, LHT)





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#### **LUFTHANSA GROUP**

40 Min.



**LUFTHANSA GROUP** 

lufthansagroup.com

### Agenda

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### Organizational matters (1/2)

#### When do I have access?

The TRAINING system is available if you use the training logins.

#### Where can I get my password for TEST system?

Please request access to the system via Hendrik Spitzl. There is no special password - Login works with your ebase password.

#### When do I have to enter my procurement projects here?

From 24<sup>th</sup> of April for the Cluster TEC (incl. all Group Companies) and all categories that have used buy:process actively in the past in the old organisational setup (e.g. TFM, LX ...).

### Organizational matters (2/2)

#### Do I have to register all projects or only from xxx/above yyy ...?

Generally, all projects should be entered in buy:process.

#### What do I have to do when changing the job?

Make sure that you allocate all your active projects to a remaining purchaser in the system. Your AD will automatically locked after leaving. You can request that your personal data is deleted (Data protection law)

#### Who is Key-User in my BU / Cluster? Responsible for?

Manuel Huensch and Hendrik Spitzl are the coordinators in the Cluster TEC.

#### Who do I contact for technical problems?

Request can be pleased directly to Hendrik Spitzl, Manuel Hünsch. In the near future 1st level in KRK will be available.

#### What will happen with my projects in p/project?

All projects will be imported until end of April.

# You will find this document updated and additional info documents in the menu's help chapter ....

≡ 😪 Lufthan	sa buy:process STAGING/TRAINING	- Home
Procurement	- 1	
KPI Dashboard	- Il.	
General data		buy:process FAQ
Activities	Create new pr	Cool und Bedienung     Kan nan ad buy process nr aus elses herous     agrefen der von überaf?     Cloud Dibg at Momentan funktionen der Zugeff in     der LH-Gruppe über ellses und VPR.
Service	- #	Wiszu dienen die Felder mit den Auftragsvolumen? • Dies ist eine Auftradsword der Okternetung der Projekte zu sehen sowie einzuordnen,
Workbench	- 🔍 📜 🏒	In weldem Fornat nicken Auftrageutunnerund Savregs engageben werden? Wetter Zichter wie ", folge ", folge und eine nicht engageben Wetter Zichter wie ", folge ", stellen nicht engageben Wetter Zichter wie ", folge ", stelle nicht engageben die falle und eine Auftrageben und eine Auftrageben werden können. Dersmählten werden gunstlätich nicht engageben.
Help	Projects not assigned yet	Wourse encluint auch 1% Minurden sinder Eingelate Inner eine Metidung, dass ich specifieren solf? Minure encluint auf die Läupe auf auf die Minure Ingelander auf die Läupe auf auf die Minure Ingelander auf die Minure encluint auf die Statung geschehrt werden auf die Minure Basechter werden die Verliefer auf die Statung Die minure Basechter werden die Wird die Frihames Die minure Basechter werden die Wird die Frihames Die minure Basechter werden die Wird die Frihames Die minure Basechter werden die Verlie die ungescherten Die minure Basechter werden die Verliefer die Ungescherten
Training documentation	angene in a state	Auf dem Tal, "Franzishi" bekomme sich nach der anten Jedenung die Médica, ich saftam Erde "Atsalateren" erdessamt – genab bei großen Gruppen-Projekten- erdessamt – genab bei großen Gruppen-Projekten- erdessamt die Benchmang nach einer Ergabe von Winne mit sach altem Sate oder erer Kraube von Winne mit sach altem Sate oder
Savings reporting		Sind die eingegebenen Daten, insbesondere die Savings, sicher?   Ja, die Daten sind sicher. Scherheit hat immer mehrere Dimensionen: • Technich: Die Daten werden auf einem BM-Cloud-
Manual	Supplier Mastr	Server in diver grach/distra Databaska papachart. No lider views regimmentarie faste situation and barg process an support film worker. Organizations: Use one registration and the process of the particular situation and the Barutater schulture grachest workers Ale andewe situation af Proglete schulture direct of the situation af Proglete schulture direct and schulture direct of the situation af Proglete schulture direct and sc
FAQ		Dates.
		bay process FAQ - CoE Processes, Tools & Infrastructure / MatrixPather Benitungs CmbH 🛛 🛞 Lufthansa

#### Description

- Trainings documentation: This document as the last updated version
- Savings reporting: Additional information regarding Savings reporting and Tracker
- Manual: Short user manuel (out dated)
- FAQ:

Collection of Frequently-Ask-Questions as last updated version

### Roadmap for buy:process rollout in 2019



Quelle: Projektteam buy:process

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### What are the most important "take-ways" for you out of this training ...?

Key-Take-Aways



buy:process supports and consolidates **all sourcing activities** within the entire LH Group.



The usage of the **S2C process** and the underlying workflow ensures transparency and same approach for all sourcing activities – regardless these are **local** or **group wide** 



The **local governance** and **guidelines/compliance** have to be considered – approval and release **workflows incorporates** requirements of procurement, stakeholders as well as internal revision



Necessity for clear assignment of **responsibilities** according matrix organisation, strengthen of **group-wide collaboration** and enhanced **communication** will be supported



Different levels of **user-help-desk** and -**support** will help you to integrate buy:process into **your daily sourcing activities** easily and work together with your group colleagues in a smarter way ...