CNV-1073 Profit Centre

Status	100%
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Purpose

The purpose of this document is to define the conversion approach of Profit Centres into S/4 HANA.

Profit Centres will be constructed based on the target design and a DCT(Constructed data based on Data Collection Template) will be provided to Syniti for subsequent processing. Along with the DCT, a mapping file of legacy(ECC) to target(S4) will be provided for dependent master and transaction objects.

Conversion Scope

Profit Centres which will be listed as part of scope list with new numbering will be in scope of migration.

Note: All the Profit Centres to be migrated will be collected. Therefore, Profit Centres are not going to be extracted from source and details given below is given for information purpose only.

Source	Scope	Source Approx No. of Records	Target System	Target Approx No. of Records
PF2	Profit Centre	6,423	S4HANA	TBD
WP2	Profit Centre	5,768	S4HANA	TBD

Additional Information

Multi-language Requirement

In the Syensqo Profit Centres, the following four language keys must be maintained:
- English (EN)
- French (FR)
- Italian (IT)
- Chinese (ZN)

Note: For certain countries it may be required to also maintain account descriptions for certain Profit Centres in local language as per regulatory requirement (e.g. Japanese) in the respective country. Such requests must be backed by supporting evidence of the underlying regulatory requirement.
Such data will be collected as part of DCT for the translation texts for Profit Centres.

Document Management

Legal Requirement

Special Requirements

Target Design

The technical design of the target for this conversion approach.

Table	Field	Data Element	Field Label	Data Type	Length	Requirement	Syensqo Requirement R = Required : Mandatory field. O = Optional: Not mandatory. If a value is entered it doesn't impact Business Process. C = Conditional: Not mandatory. If a value is entered it impacts Business Process or Reporting. S = System: System generates the value. NU = Not Used
CEPC	PRCTR	PRCTR	Profit Center	CHAR	10	Organizational unit in controlling used for internal reporting and responsibility accounting. The Profit center represents in syensqo context either a Plant or a GBS 'non Plant'. The Syensqo PC codification must follow the naming convention. "1 + 4 "" Digit #1 = GBU Indicator S=SPEC. POLYMERS or C=COMPOSITE MATERIALS or N=NOVECARE or T=TECHNOLOGY SOLUTIONS or B=CBS From digit 2 to 5 : 4 char. Company Code OR Plant Code. Illustration : S1001	R
CEPC	DATBI	DATBI	Valid To Date	DATS	8	Date until which the Profit Center is valid.	R
CEPC	KOKRS	KOKRS	Controlling Area	CHAR	4	Identifies a self-contained organizational structure for which costs and revenues can be managed. Only 1 controlling used for all legal entities. Same value across all systems (same in 3 boxes : Global instance + Composites + China).	R
CEPC	DATAB	DATAB	Valid-From Date	DATS	8	Date from which the Profit Center is valid.	R
CEPC	VERAK	VERAPC	Person Responsible for Profit Center	CHAR	20	Name or ID of the person responsible for managing the Profit Center.	NU
CEPC	VERAK_USER	VERAPC_USER	User Responsible for the Profit Center	CHAR	12	SAP user ID of the responsible person.	NU
CEPC	WAERS	WAERS	Currency Key	CUKY	5	Currency used in the Profit Center. Will follow the legal entity one.	NU
CEPC	LAND1	LAND1	Country Key	CHAR	3	Country code related to the Profit Center's location.	C
CEPC	NAME1	NAME1_GP	Name 1	CHAR	35	First line of the name or company name of the Profit Center. Description of the Profit center.	NU
CEPC	NAME2	NAME2_GP	Name 2	CHAR	35	Second line of the name or company name.	NU
CEPC	NAME3	NAME3_GP	Name 3	CHAR	35	Third line of the name or additional details.	NU
CEPC	NAME4	NAME4_GP	Name 4	CHAR	35	Fourth line of the name or additional details.	NU
CEPC	ORT01	ORT01_GP	City	CHAR	35	City name in the Profit Center address.	C
CEPC	ORT02	ORT02_GP	District	CHAR	35	District or region in the address.	C
CEPC	STRAS	STRAS_GP	Street and House Number	CHAR	35	Street name and house number of the Profit Center location.	NU
CEPC	PFACH	PFACH	PO Box	CHAR	10	PO Box address.	NU
CEPC	PSTLZ	PSTLZ	Postal Code	CHAR	10	Postal code for the street address.	NU
CEPC	PSTL2	PSTL2	P.O. Box Postal Code	CHAR	10	Postal code associated with the PO Box.	NU
CEPC	SPRAS	SPRAS	Language Key	LANG	1	Language key used in texts and descriptions.	R
CEPC	TELBX	TELBX	Telebox number	CHAR	15	Telebox number (rarely used).	NU
CEPC	TELF1	TELF1	First telephone number	CHAR	16	Primary contact phone number.	NU
CEPC	TELF2	TELF2	Second telephone number	CHAR	16	Secondary contact phone number.	NU
CEPC	TELFX	TELFX	Fax Number	CHAR	31	Fax number.	NU
CEPC	TELTX	TELTX	Teletex number	CHAR	30	Teletex number (obsolete).	NU
CEPC	TELX1	TELX1	Telex number	CHAR	30	Telex number (obsolete).	NU
CEPC	KHINR	PHINR	Profit center area	CHAR	12	Profit center area	NU
CEPC	BUKRS	BUKRS	Company Code	CHAR	4	Associated company code for reporting.	NU
CEPC	TXJCD	TXJCD	Tax Jurisdiction	CHAR	15	Tax jurisdiction code used for tax reporting.	NU

CEPC	REGIO	REGIO	Region (State, Province, County)	CHAR	3	State or regional subdivision (used in address).	NU
CEPC	LOCK_IND	LOCK_IND	Lock indicator	CHAR	1	Indicates if the Profit Center is locked for processing. If locked : no posting possible.	C
CEPCT	KTEXT	KTEXT	Name	CHAR	20	Profit Center Name	R
CEPCT	LTEXT	LTEXT	Long Text	CHAR	40	Profit Center Long Text	R
CEPCT	MCTXT	MCTXT	Profit Center Text	CHAR	20	Profit Center Text	R

Data Cleansing

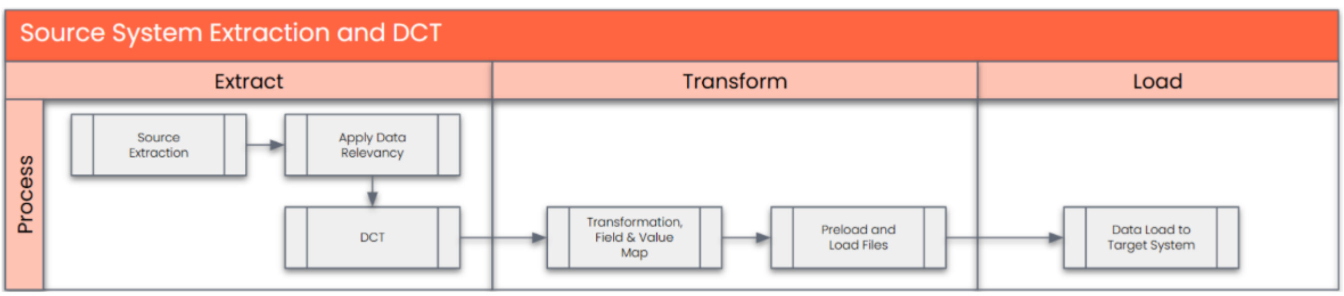
Note: Cleansing is applicable only for business and as the data for this object is collected, cleansing is not relevant for data conversion. It just helps business to reduce the mapping requirements.

ID	Criticality	Error Message/Report Description	Rule	Output	Source System
N/A					

Conversion Process

The high-level process is represented by the diagram below:

Note: When Data Source denotes DCT, no relevancy and extract rules to be applied in Syniti tool. DCT records will be collected by business Data Consultant.



Data Privacy and Sensitivity

Extraction

Extraction Run Sheet

Req #	Requirement description	Team responsible
1.	Ensure DCT is collected for the Profit Centres based on the collection template	Data team

Selection Screen

Selection Ref Screen	Parameter Name	Selection Type	Requirement	Value to be entered/set
N/A				

Data Collection Template (DCT)

Target Ready Data Collection Template will be created for data with exception of some fields which require transformation as mentioned in the transformation rule.

DCT Rules and will be used by the data collectors.

Note: Constructed data will be imported into ADM Data Construction page.

There will be two pages -

1. Main page to contain the Profit Centre details with EN Language key Description
2. Detailed Page will contain descriptions in various languages as they are collected.

Table Name	Field Name	Field description	Rule
CEPC	PRCTR	Profit Center	This field must be 5 digits. It must follow the naming convention described in governance rules applied
CEPC	DATBI	Valid To Date	31.12.9999 by default. If a PC has a end date : this field can be updated with the accurate values. Select Last day of a month period at least (not a date during a period).
CEPC	KOKRS	Controlling Area	1 unique value for all PC.
CEPC	DATAB	Valid-From Date	Date of the creation of the Prof.center during the run. Date of the go live for the ones Mass loaded as part of the Syway cut over
CEPC	LAND1	Country Key	Collected as required
CEPC	ORT01	City	Collected as required
CEPC	ORT02	District	Collected as required
CEPC	SPRAS	Language Key	Collected as required
CEPC	KHINR	Profit center area	Collected as required
CEPC	LOCK_IND	Lock indicator	Case to tick if a Profit center must be blocked for posting : obsolete PC or PC created by mistake.

Descriptions will be collected on multiple languages and therefore a detail page to created and linked to the main page

Table Name	Field Name	Field description	Rule
CEPC	KOKRS	Controlling Area	1 unique value for all PC.
CEPC	PRCTR	Profit Center	This field must be 5 digits. It must follow the naming convention described in governance rules applied
CEPCT	DATBI	Valid To Date	
CEPCT	SPRAS	Language Key	In the Syensqo Profit centers, the following four language keys must be maintained: - English (EN) - French (FR) - Italian (IT) - Chinese (ZN) Additionally, fill in the name and description for the language key;
CEPCT	KTEXT	Name	Max Length: 20
CEPCT	LTEXT	Long Text	Max Length: 40
CEPCT	MCTXT	Profit Center Text	Max Length: 20

Extraction Dependencies

Item #	Step description	Team responsible
1.	N/A	

Transformation

The Target fields are mapped to the applicable DCT field that will be its source.

Note: as this object is DCT, the mapping rule for all the fields is **'Copy'** as described in the transform rule section. However, some reports are to be created and executed to ensure integrity in the data collected in DCT as described in 'Pre-load Data Validation' section.

This step identifies the transformation activity required to allow to make the data Target ready:

1. Prepare target-ready data in the target structure and format that is required for loading via prescribed Load Tool in the load section.
2. Produce the preload reports as requested in the 'Preload Data Validation' section.

Transformation Run Sheet

Item #	Step description	Team responsible
1.	Ensure all the fields that require value mapping, as stipulated Mapping tables, have the latest signed-off mapping files imported into toolMigrate.	Data team
2.	In tool, select the Trial Balance object PY.	Data team
3.	Go to Process Area Launch and Process the Object - Trial Balance object - R4 Trial Balance PY.	Data team
4.	Launch the Objects to execute transformation.	Data team
5.	Monitor the transformation progress and ensure performance and completion is within allowed timeframe	Data team
6.	Generate Pre-Load reports .	Data team
7.	Generate data load count.	Data team
8.	Log errors as defects, if any and address resolutions. Close defects.	Data team
9.	Re-transform and re-validate the Pre-load reports if necessary.	Data team
10.	Validate the transformed file as part of pre-load validation, raise data defects or provide the pre-load sign-off.	Business
11.	Analyse and resolve any pre-load defects logged by business.	Data team
12.	Repeat steps 6 to 11 if necessary	Data team
13.	Proceed to pre-load validations	Data team

Transformation Rules

Rule #	Source system	Source Table	Source Field	Source description	Target system	Target Table	Target Field	Target description	Transformation logic
1	DCT/ECC	CEPC	PRCTR	Profit Center	S/4HANA	CEPC	PRCTR	Profit Center	Copy From DCT as-is
2	DCT/ECC	CEPC	DATBI	Valid To Date	S/4HANA	CEPC	DATBI	Valid To Date	Copy From DCT as-is
3	DCT/ECC	CEPC	KOKRS	Controlling Area	S/4HANA	CEPC	KOKRS	Controlling Area	Copy From DCT as-is
4	DCT/ECC	CEPC	DATAB	Valid-From Date	S/4HANA	CEPC	DATAB	Valid-From Date	Copy From DCT as-is
8	DCT/ECC	CEPC	LAND1	Country Key	S/4HANA	CEPC	LAND1	Country Key	Copy From DCT as-is
13	DCT/ECC	CEPC	ORT01	City	S/4HANA	CEPC	ORT01	City	Copy From DCT as-is
14	DCT/ECC	CEPC	ORT02	District	S/4HANA	CEPC	ORT02	District	Copy From DCT as-is
19	DCT/ECC	CEPC	SPRAS	Language Key	S/4HANA	CEPC	SPRAS	Language Key	Copy From DCT as-is
27	DCT/ECC	CEPC	KHINR	Profit center area	S/4HANA	CEPC	KHINR	Profit center area	Copy From DCT as-is
30	DCT/ECC	CEPC	LOCK_IND	Lock indicator	S/4HANA	CEPC	LOCK_IND	Lock indicator	Copy From DCT as-is
31	DCT/ECC	CEPCT	KTEXT	Name	S/4HANA	CEPCT	KTEXT	Name	Copy From DCT as-is
32	DCT/ECC	CEPCT	LTEXT	Long Text	S/4HANA	CEPCT	LTEXT	Long Text	Copy From DCT as-is
33	DCT/ECC	CEPCT	MCTXT	Profit Center Text	S/4HANA	CEPCT	MCTXT	Profit Center Text	Copy From DCT as-is

Transformation Mapping

Note: No Mapping applicable here as this data object is a collect object.

Mapping Table Name	Mapping Table Description

N/A	

Transformation Dependencies

List the steps that need to occur before transformation can commence

Item #	Step Description	Team Responsible
1	Ensure all the fields and values are imported into ADM Construction page correctly	Data Team
2	Ensure Profit Centre hierarchies are loaded into target S/4HANA	Data Team

Pre-Load Validation

Project Team

Completeness

Task	Action
Generation of Pre-load reports	Mandatory field check. • Profit Centres not blank • Profit Centre Hierarchy not blank • Person Responsible / HR positions not blank

Record Count	Record Count
	
	• Confirm the record counts in preload summary report
	  ◦ Total Records: To be Filled in Summary Report
	  ◦ Valid Records: To be Filled in Summary Report
	  ◦ Invalid Records: To be Filled in Summary Report

Accuracy

Task	Action
Mandatory field mapping and transformation	Review the data report to ensure mapping value is not missing in tool. Capture errors in the Data Error report.

Business

Completeness

Task	Action
Verify record count in Pre-load reports by region	Confirm the Preload File contains all the records in scope of migration based on the DCT (Data Construction Template)

Accuracy

Task	Action
Conversion accuracy	Verify Profit Centres are transformed accurately as per endorsed transformation/mapping rules. Review error reports in tool for any mismatch or missing transformed values.

Load

Loading will be done through migration cockpit and therefore, data from the transformation export view to be exported into the load file format.

export views to be prepared based on the field list from the load template attached.

Source data for C...it center (2).xml

Source data for C...rofit center.xlsx

The load process includes:

1. Execute the automated data load into target system using load tool or produce the load file if the loading of records to be done using LTMC cockpit object of Profit Centre.
2. Once the data is loaded to the target system, it will be extracted and prepared for Post Load Data Validation with side by side check of each fields in scope of the objects with fields to be displayed as XXXX_DCT, XXXX_S4HANA, XXXX_MATCH (As TRUE or FALSE) with an additional column denoting fields not matching and status of loading in S/4HANA as LOADED_IN_S4HANA (As TRUE or FALSE)

Additional export view for the descriptions in additional languages to be created as is from *detail page DCT*

Note: Description translation will be loaded using tcode SE63. LSMW will be created based on the tcode SE63 to enable mass upload of this data. However, further checks will be done to check if some Fiori App could be used for uploading.

Load Run Sheet

Item	Step description	Team responsible
1	Ensure the load tools are transported into the correct tool instance.	Data team
2	Ensure DCTs and all required mappings are submitted and complete	Data team
3	Ensure Pre-load sign-offs are obtained.	Data team
4	Execute upload of Profit Centre Object using Migration Cockpit Object for Profit Centre Upload	Data team
5	Generate the post load reports in tool.	Data team
6	Log errors as defects, if any and address resolutions. Close defects.	Data team
7	Resolve defects by reupload and re-generate post load reports if necessary.	Data team
8	Business to validate the post load files as part of post-load validation, raise data defects or provide the post-load sign-off.	Business
9	Repeat steps 5 to 7 if necessary.	Data team

Load Phase and Dependencies

Configuration

Item #	Configuration item
1.	Controlling Area
2.	Standard Hierarchy is Maintained

Conversion Objects

Object #	Preceding Object Conversion Approach
1068	Profit Centre Group (Alt, Std Hierarchy)

Error Handling

Error type	Error description	Action taken

Post-Load Validation

Project Team

Completeness

Task	Action
Reconciliation of Record Count	Check Record count between DCT, Preload file and target extracted data from tables CEPC and CEPCT. A Summary report to be added in the post-load report

Accuracy

Task	Action
Check values in key fields for accuracy	Refer to the post-load file and Manual check of the Loaded data using KE53 and SE16N

Business

Completeness

Task	Action
Record Count Check	Business to check Post-Load File and Summary report in post-load

Accuracy

Task	Action
Spot check	Spot check some sample records from the post-load report to be picked for checking in SAP transaction code KE53 to verify accuracy of the data.

Key Assumptions

- Master Data Standard is up to date as on the date of documenting this conversion approach and data load.
- is in scope based on data design and any exception requested by business.

Change log

Version	Published	Changed By	Comment
CURRENT (v. 52)	**Mar 13, 2026 01:27**	**LARU-ext, Soumen**	
v. 51	Mar 13, 2026 00:52	**LARU-ext, Soumen**	
v. 50	Mar 13, 2026 00:44	**LARU-ext, Soumen**	
v. 49	Oct 23, 2025 04:56	**LARU-ext, Soumen**	
v. 48	Oct 12, 2025 14:22	**LARU-ext, Soumen**	
v. 47	Sept 29, 2025 12:03	**GARCIA-ext, Angel Luis**	
v. 46	Sept 29, 2025 09:25	**GARCIA-ext, Angel Luis**	
v. 45	Sept 23, 2025 22:21	**PILLAY-ext, Lawrence**	
v. 44	Sept 23, 2025 11:11	**LARU-ext, Soumen**	
v. 43	Sept 23, 2025 09:33	**LARU-ext, Soumen**	

Go to Page History

Workflow history

Title	Last Updated By	Updated	Status
There are no pages at the moment.			

Workflow history

This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.

Mar 24, 2026	Actor	Type	Activity	Version
Approved	GARCIA-ext, Angel Luis	State	changed state to Approved at 2:57 pm	v52
Revision under Review	GARCIA-ext, Angel Luis	State	gave *Minor change* approval at 2:57 pm	
		State	changed state to Revision under Review at 2:57 pm	v52
Mar 18, 2026				
Revision in Progress	WENNINGER-ext, Sascha	State	changed state to Revision in Progress at 5:43 pm	v52
Mar 13, 2026				
Edited following Approval	LARU-ext, Soumen	Edit	updated the page at 12:44 am	
Mar 12, 2026				
	LARU-ext, Soumen	State	changed state to Edited following Approval at 11:44 pm	v50