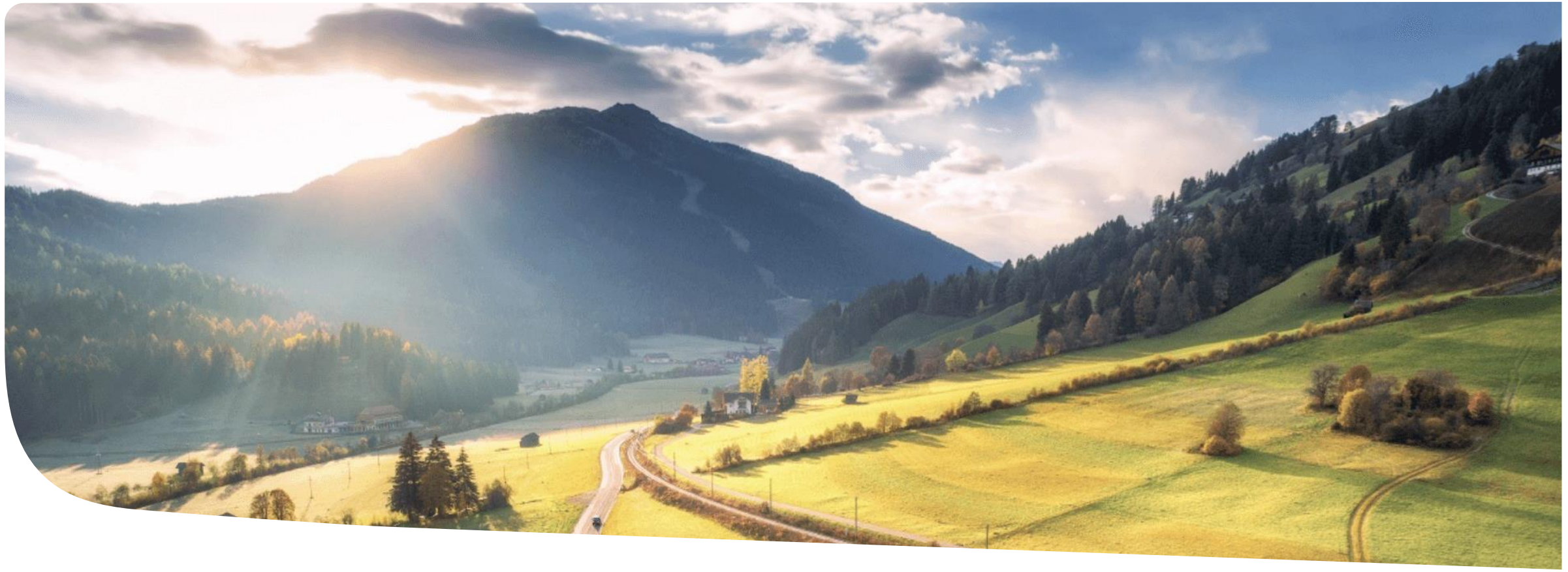
Internal & Partners

FCM Master data audit 2023

FCM Supply Chain - Operations

02.Feb.2023



Agenda

1 Master data Auditing Target

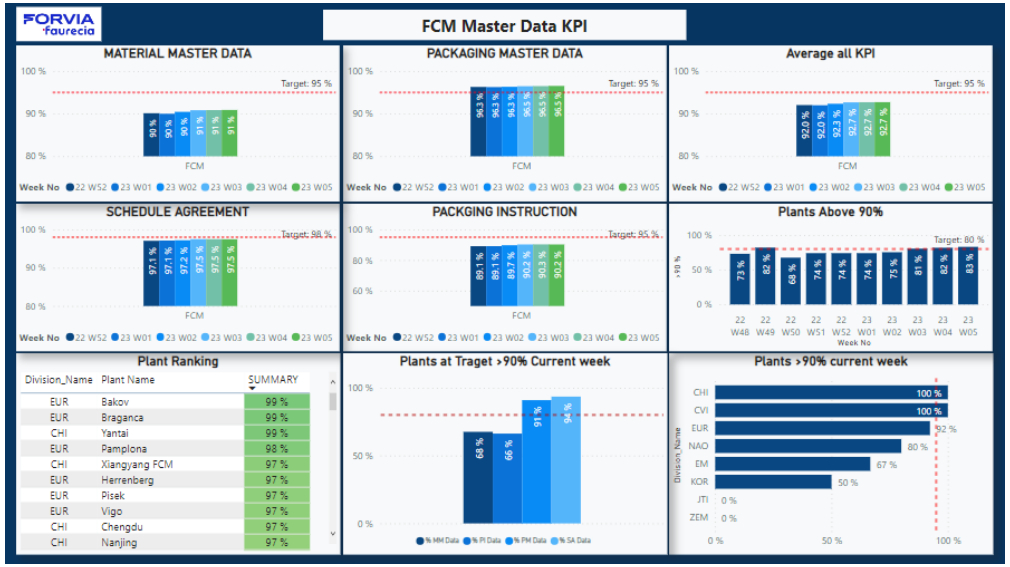
2 2023 Auditing Plan for FCM

Master data Auditing Target

Objective:

1. Make sure the Master Data KPIs which collected from SAP system are **true/reality**
2. Make sure the Master Data KPIs calculating process of SAP system are **correct**
3. Maintain the Accuracy and Consistency

Results: We are 100% confident with the Master Data KPIs that collected from SAP Plant level, and we could trust the centralized KPI Dashboard showing weekly like below



Accuracy result - explanation

- **Accuracy means :**
  - the data value is the correct one.

- **Some examples :**
  - Minimum lot size is equal to production batch constraint on the shopfloor.
  - Parts weights are equal to the real weights.

Consistency result - explanation

- **Consistency means :**
  - the data format is correct or that the data is correct compared to other data.

- **Some examples :**
  - Rounding value is matching with packaging quantities
  - Parts weights are similar on material master (MM03) and purchasing schedule agreement (ME32L)
  - MRP profile is aligned with the part classification (meaning finished good is setup as finished good, component is setup as component).

Agenda

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Master data Auditing Plan of 2023

- **Auditing Tools involved:**

1. Materials List of auditing should be prepared to be compared the truth/reality number vs. SAP number
2. RPA robot could automatically retrieve data from SAP system

- **Auditing People involved:**

1. One delegate from DRF team will take the lead of the annual auditing plan, and he/she will be also needed to track the auditing process through the camera
2. RPA team will take charge of RPA robot operation
3. Division and Plant support will be needed correspondingly

Master data Auditing Plan of 2023

Auditing Process:

1. Prepared material lists of auditing for plants and send file before starting audit process
2. Count the number and check the authenticity of the current SAP result
3. Enter random number in the SAP system to check the calculation process is correct

Auditing Year Plan:

77 Plants
2 Auditing per plant per year
43 rest work weeks of 2023 (W08 to W50)
Note: W06 and W07 will test the RPA tools and confirmed with division of the auditing time

(77*2)/43= 3.58
Involved upcoming day-off and vacation,
We would audit 3 plants per week having day-off,
We would audit 4 plants per normal week

8+(43/2)=29.5
W30 with be the mid-term of the auditing
=> **Until 24th July, all 77 plants should already be audited one time**

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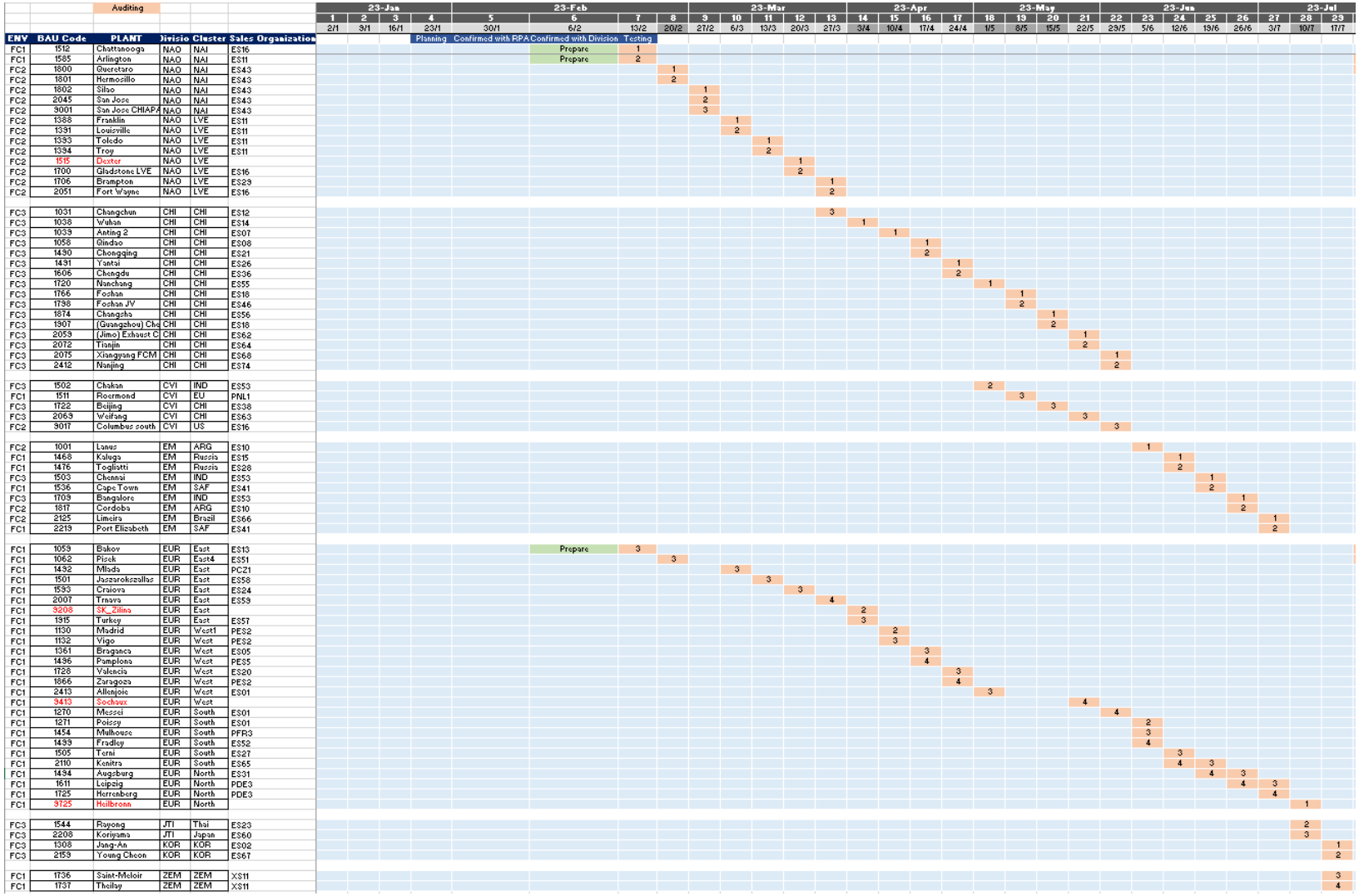
Master data Auditing Plan of 2023

Auditing Year Plan in general view: Feb to Jul



		Auditing			
ENV	BAU Code	PLANT	Divisio	Cluster	Sales Organization
FC1	1512	Chattanooga	NAO	NAI	ES16
FC1	1585	Arlington	NAO	NAI	ES11
FC2	1800	Queretaro	NAO	NAI	ES43
FC2	1801	Hermosillo	NAO	NAI	ES43
FC2	1802	Silao	NAO	NAI	ES43
FC2	2045	San Jose	NAO	NAI	ES43
FC2	3001	San Jose CHIAPA	NAO	NAI	ES43
FC2	1388	Franklin	NAO	LVE	ES11
FC2	1391	Louisville	NAO	LVE	ES11
FC2	1393	Toledo	NAO	LVE	ES11
FC2	1394	Troy	NAO	LVE	ES11
FC2	1515	Dexter	NAO	LVE	
FC2	1700	Gladstone LVE	NAO	LVE	ES16
FC2	1706	Brampton	NAO	LVE	ES29
FC2	2051	Fort Wayne	NAO	LVE	ES16
FC3	1031	Changchun	CHI	CHI	ES12
FC3	1038	Wuhan	CHI	CHI	ES14
FC3	1039	Anting 2	CHI	CHI	ES07
FC3	1058	Qingdao	CHI	CHI	ES08
FC3	1430	Chongqing	CHI	CHI	ES21
FC3	1431	Yantai	CHI	CHI	ES26
FC3	1606	Chengdu	CHI	CHI	ES36
FC3	1720	Nanchang	CHI	CHI	ES55
FC3	1766	Foshan	CHI	CHI	ES18
FC3	1736	Foshan JV	CHI	CHI	ES46
FC3	1874	Changsha	CHI	CHI	ES56
FC3	1907	(Guangzhou) Cha	CHI	CHI	ES18
FC3	2059	(Jimo) Exhaust C	CHI	CHI	ES62
FC3	2072	Tianjin	CHI	CHI	ES64
FC3	2075	Xiangyang FCM	CHI	CHI	ES68
FC3	2412	Nanjing	CHI	CHI	ES74
FC3	1502	Chakan	CVI	IND	ES53
FC1	1511	Roermond	CVI	EU	PNL1
FC3	1722	Beijing	CVI	CHI	ES38
FC3	2069	Weifang	CVI	CHI	ES63
FC2	3011	Columbus south	CVI	US	ES16
FC2	1001	Lanus	EM	ARG	ES10
FC1	1468	Kaluga	EM	Russia	ES15
FC1	1476	Togliatti	EM	Russia	ES28
FC3	1503	Chennai	EM	IND	ES53
FC1	1536	Cape Town	EM	SAF	ES41
FC3	1703	Bangalore	EM	IND	ES53
FC2	1817	Cordoba	EM	ARG	ES10
FC2	2125	Limeira	EM	Brazil	ES66
FC1	2219	Port Elizabeth	EM	SAF	ES41
FC1	1059	Bakov	EUR	East	ES13
FC1	1062	Pisek	EUR	East4	ES51
FC1	1432	Mlada	EUR	East	PCZ1
FC1	1501	Jaszarokszallas	EUR	East	ES58
FC1	1533	Craiova	EUR	East	ES24
FC1	2007	Trnava	EUR	East	ES59
FC1	3208	SK_Zilina	EUR	East	
FC1	1915	Turkey	EUR	East	ES57
FC1	1130	Madrid	EUR	West1	PES2
FC1	1132	Vigo	EUR	West	PES2
FC1	1361	Braganca	EUR	West	ES05
FC1	1436	Pamplona	EUR	West	PES5
FC1	1728	Valencia	EUR	West	ES20
FC1	1966	Zaragoza	EUR	West	PES2
FC1	2413	Allenjois	EUR	West	ES01
FC1	3413	Sochaux	EUR	West	
FC1	1270	Messei	EUR	South	ES01
FC1	1271	Poissy	EUR	South	ES01
FC1	1454	Mulhouse	EUR	South	PFR3
FC1	1433	Fradley	EUR	South	ES52
FC1	1505	Terni	EUR	South	ES27
FC1	2110	Kvetra	EUR	South	ES65
FC1	1434	Augsburg	EUR	North	ES31
FC1	1611	Leipzig	EUR	North	PDE3
FC1	1725	Herrenberg	EUR	North	PDE3
FC1	3725	Heilbronn	EUR	North	
FC3	1544	Rayong	JTI	Thai	ES23
FC3	2208	Koriyama	JTI	Japan	ES60
FC3	1308	Jang-An	KOR	KOR	ES02
FC3	2159	Young Cheon	KOR	KOR	ES67
FC1	1736	Saint-Meloir	ZEM	ZEM	XS11
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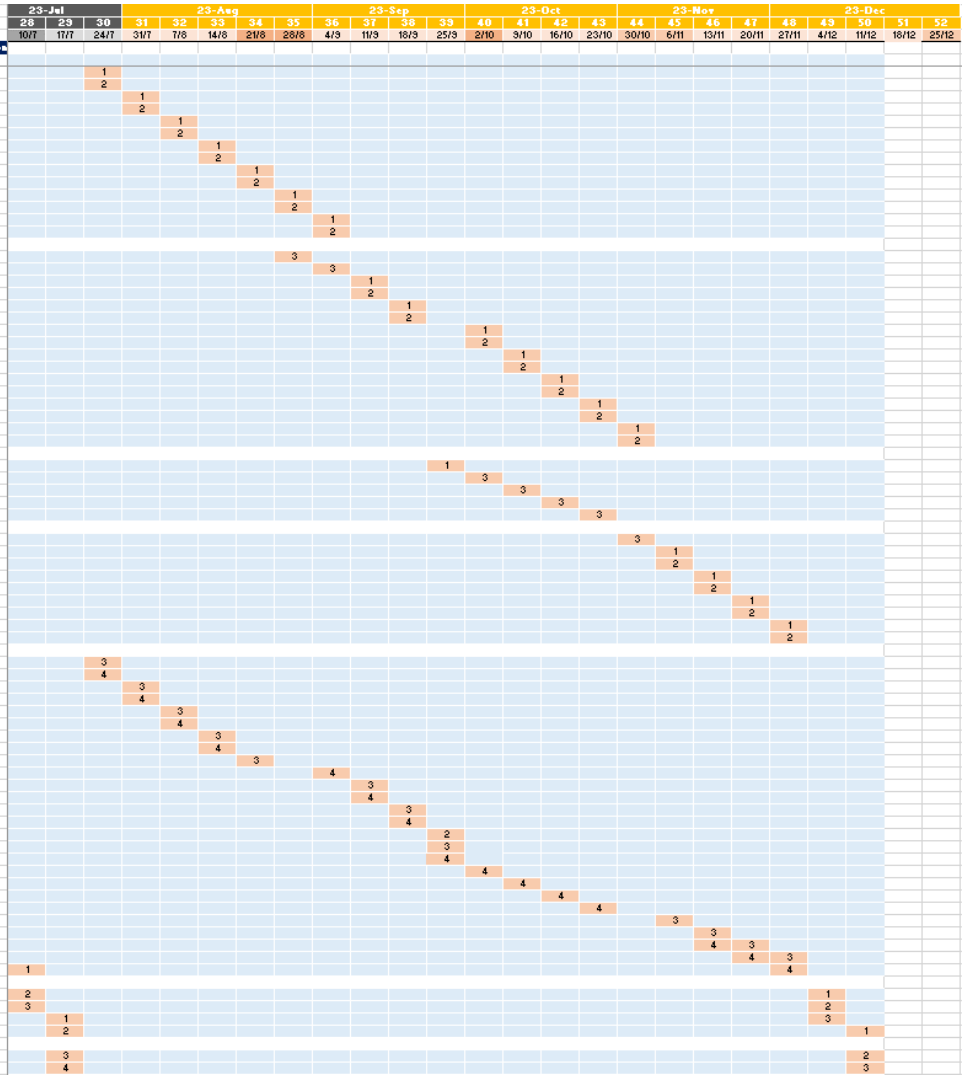
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