

# Electronic Data Interchange Working Group

## EIC: Area codes analysis

Version 2.1  
20 October 2020

ENTSO-E Secretariat



Reliable Sustainable Connected


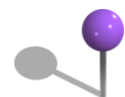
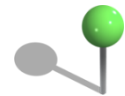


- The present analysis has been undertaken in collaboration with the European Electricity TSOs.
- The presentation illustrates Area-codes (Y-Codes) representing member state, synchronized areas, control blocks, control areas, market balance areas and scheduling areas which are currently or in future in use within the European markets.
- The presentation does not display Y-Codes which are currently used in the ENTSO-E RGCE (regional group continental Europe) settlement and accounting process.
- This list of Y-Codes can be subject to further updates in the future, e.g. depending on changes in area structures at national level.

# Definitions *(as of October 2015)*

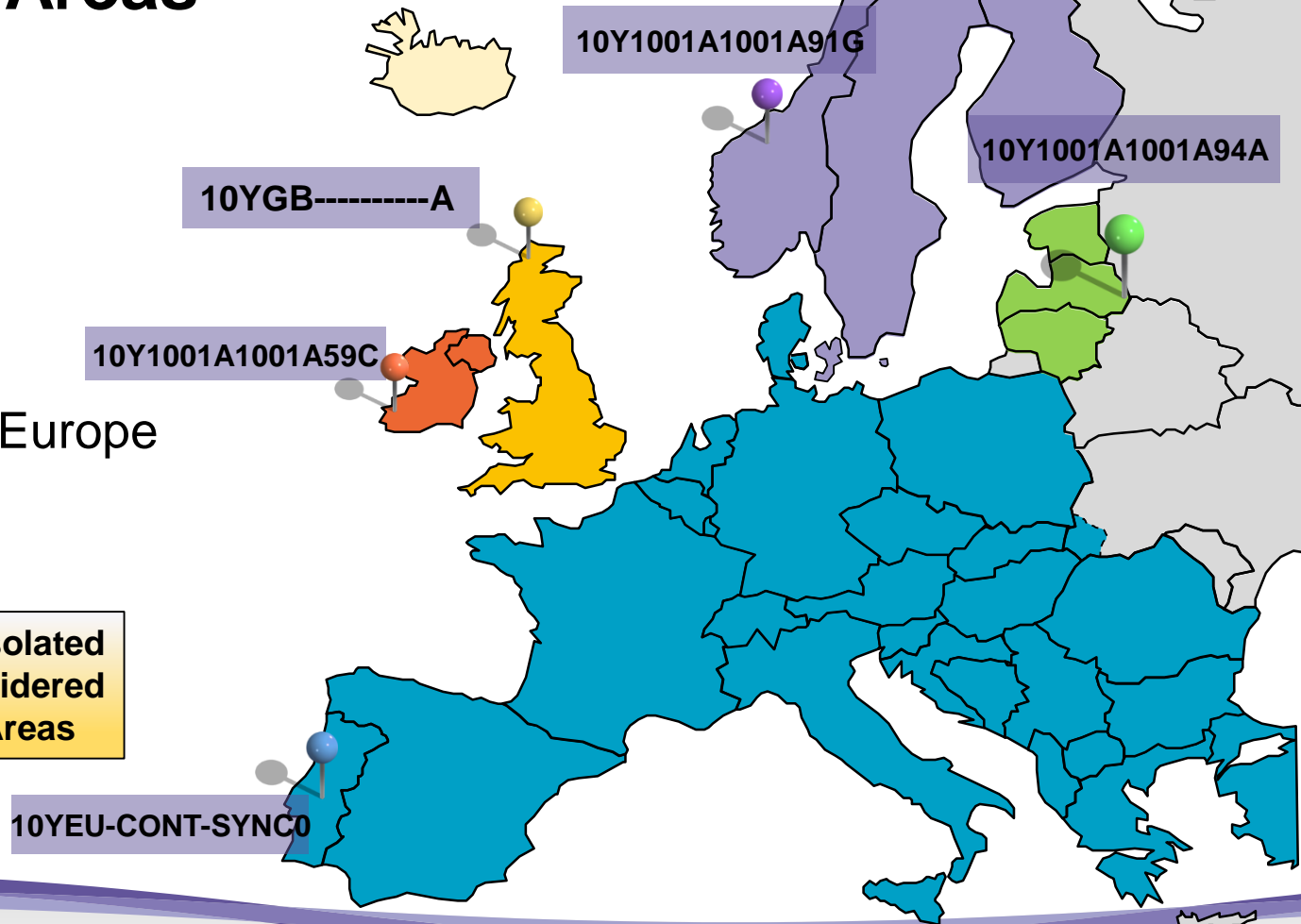
- **Synchronous Area:** *Synchronous Area means an area covered by interconnected Transmission System Operators (TSOs) with a common System Frequency in a steady state*
- **Control Block:** *The composition of one or more Control Areas, working together to ensure the load frequency control on behalf of RGCE.*
- **Control Area:** *A coherent part of the interconnected system, operated by a single system operator and shall include connected physical loads and/or generation units if any.*
- **Bidding Zone:** *Bidding Zone means the largest geographical area within which Market Participants are able to exchange energy without Capacity Allocation.*
- **Scheduling Area:** *The Bidding Zone except if there is more than one Responsibility Area within this Bidding Zone. In the latter case, the Scheduling Area equals Responsibility Area or a group of Responsibility Areas.*
- **Market Balance Area:** *A geographic area consisting of one or more Metering Grid Areas with common market rules for which the settlement responsible party carries out a balance settlement and which has the same price for imbalance. A Market Balance Area may also be defined due to bottlenecks.*

# Synchronous area zones

## Synchronous Areas

-  GB
-  Nordic
-  Baltic
-  Continental Europe
-  Ireland

**\*\*Iceland and Cyprus are isolated systems currently not considered as separate Synchronous Areas**

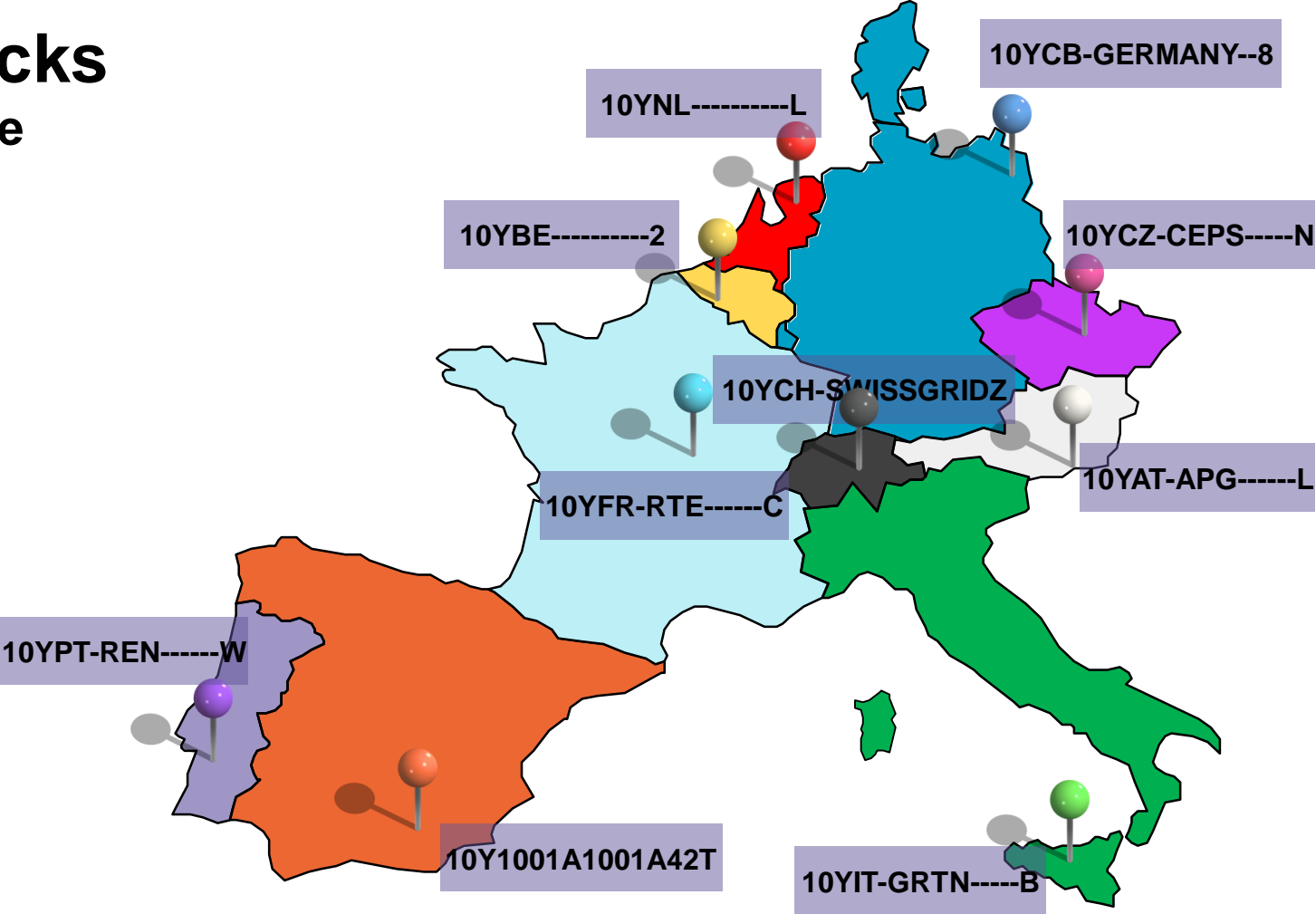


# Control Blocks (Limited to Continental Europe)

## Part I

### Control Blocks

#### Coding Objective



# Control Block (Limited to Continental Europe) Part II

## Control Blocks Coding Objective





## Identification of areas by Member State

# AL: Albania



Member State

Control Area

Bidding Zone

Market Balance Area

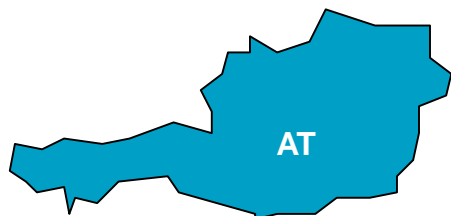
10YAL-KESH-----5

Control Block

10YCB-ALBANIA--1



# AT: Austria



Member State

Control Area

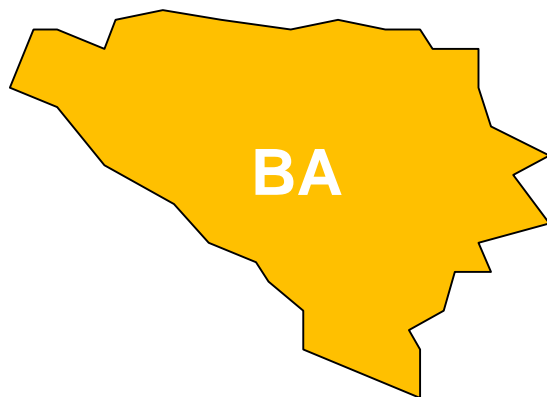
Scheduling Area

Bidding Zone

Market Balance Area

10YAT-APG-----L

# BA: Bosnia and Herzegovina



Member State

Control Area

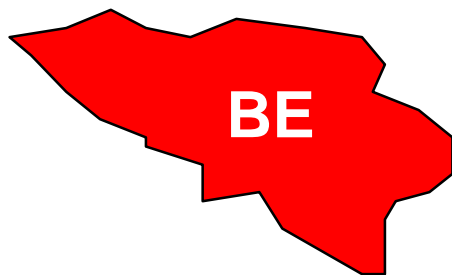
Bidding Zone

Scheduling Area

Market Balance Area

10YBA-JPCC-----D

# BE: Belgium



Member State

Control Area

Scheduling Area

Bidding Zone

Market Balance Area

10YBE-----2

# BG: Bulgaria



Member State

Control Area

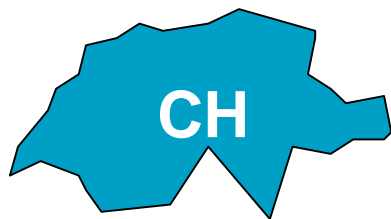
Scheduling Area

Bidding Zone

Market Balance Area

**10YCA-BULGARIA-R**

# CH: Switzerland



Member State

Control Area

Scheduling Area

Bidding Zone

Market Balance Area

**10YCH-SWISSGRIDZ**

# CZ: Czech Republic



Member State

Control Area

Bidding Zone

Scheduling Area

Market Balance Area

10YCZ-CEPS-----N

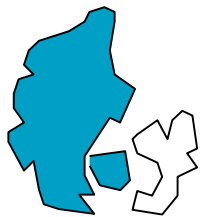
# DK: Denmark



Member State

Scheduling Area

10Y1001A1001A65H

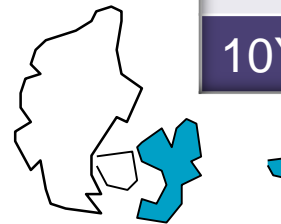


Market Balance Area

Bidding Zone

Control Area

10YDK-1-----W



Market Balance Area

Bidding Zone

Control Area

10YDK-2-----M

# DE: Germany



Member State

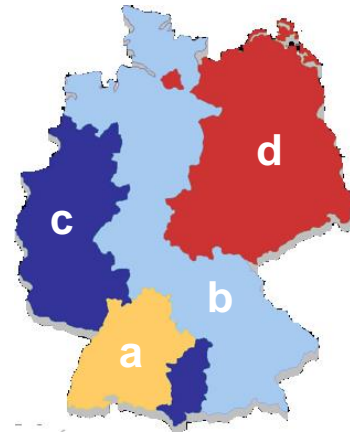
10Y1001A1001A83F



Control Area

Scheduling Area

a	10YDE-ENBW-----N
b	10YDE-EON-----1
c	10YDE-RWENET---I
d	10YDE-VE-----2



Bidding Zone

10Y1001A1001A82H



Market Balance Area

10Y1001A1001A82H





# EE: Estonia



Member State

Control Area

Bidding Zone

Scheduling Area

Market Balance Area

10Y1001A1001A39I

# ES: Spain



Control Area

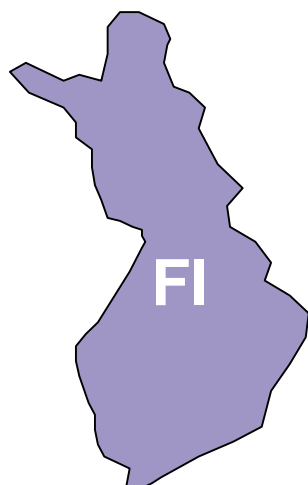
Bidding Zone

Scheduling Area

Market Balance Area

10YES-REE-----0

# FI: Finland



Member State

Control Area

Market Balance Area

Scheduling Area

Bidding Zone

10YFI-1-----U

# FR: France



Control Area

Market Balance Area

Scheduling Area

Bidding Zone

10YFR-RTE-----C

# UK: United Kingdom

Member State

10Y1001A1001A92E



Control Area

Scheduling Area

a 10YGB-----A

b 10Y1001A1001A016



Bidding Zone

Market Balance Area

a 10YGB-----A



# GR: Greece



Control Area

Bidding Zone

Scheduling Area

Market Balance Area

10YGR-HTSO-----Y

Control Block

10YCB-GREECE---2

# HR: Croatia



Member State

Control Area

Bidding Zone

Scheduling Area

Market Balance Area

10YHR-HEP-----M

# HU: Hungary



Member State

Control Area

Bidding Zone

Scheduling Area

Market Balance Area

10YHU-MAVIR----U



# IE: Ireland



Member State  
Control Area  
Scheduling Area  
**10YIE-1001A00010**



Bidding Zone  
Market Balance Area  
**10Y1001A1001A59C**

# IT: Italy



Member State

Control Area

Scheduling Area

Market Balance Area

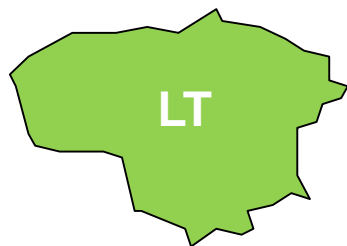
10YIT-GRTN-----B

## Bidding Zone

IT1		10Y1001A1001A73I
IT2		10Y1001A1001A70O
IT3		10Y1001A1001A71M
IT4		10Y1001A1001A788
IT5		10Y1001A1001A74G
IT6		10Y1001A1001A75E
a	Francia	10Y1001A1001A81J
b	Svizzera	10Y1001A1001A68B
c	Austria	10Y1001A1001A80L
d	Slovenia	10Y1001A1001A67D
e	Monfalcone	10Y1001A1001A90I
f	Corsica DC	10Y1001A1001A893
g	Corsica AC	10Y1001A1001A885
h	Foggia	10Y1001A1001A72K
i	Brindisi	10Y1001A1001A699
j	Grecia	10Y1001A1001A66F
k	Rossano	10Y1001A1001A77A
l	Priolo	10Y1001A1001A76C
m	Malta	10Y1001A1001A877



# LT: Lithuania



Member State

Control Area

Bidding Zone

Scheduling Area

Market Balance Area

10YLT-1001A0008Q

# LU: Luxemburg



Member State

Scheduling Area

Control Area

10YLU-CEGEDEL-NQ



Bidding Zone

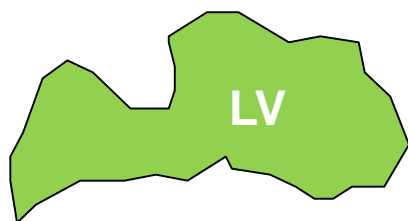
10Y1001A1001A82H



Market Balance Area

10Y1001A1001A82H

# LV: Latvia



Member State

Control Area

Bidding Zone

Scheduling Area

Market Balance Area

10YLV-1001A00074

# ME: Montenegro



Member State

Control Area

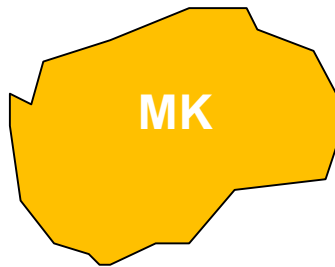
Bidding Zone

Scheduling Area

Market Balance Area

10YCS-CG-TSO---S

# MK: FYROM



Member State

Control Area

Bidding Zone

Scheduling Area

Market Balance Area

10YMK-MEPSO----8

# NL: The Netherlands



Member State

Control Area

Scheduling Area

Bidding Zone

Market Balance Area

10YNL-----L



# NO: Norway

Member State

Control Area

Scheduling Area

Market Balance Area

10YNO-0-----C



Bidding Zone

Market Balance Area

NO1	10YNO-1-----2
NO2	10YNO-2-----T
NO3	10YNO-3-----J
NO4	10YNO-4-----9
NO5	10Y1001A1001A48H

# PL: Poland



Member State

Control Area

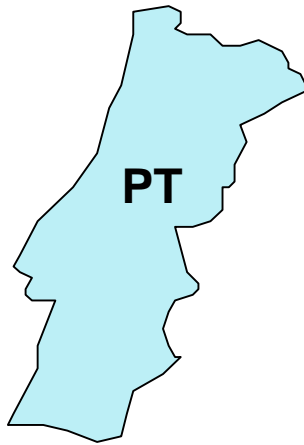
Bidding Zone

Scheduling Area

Market Balance Area

10YPL-AREA-----S

# PT: Portugal



Member State

Control Area

Bidding Zone

Scheduling Area

Market Balance Area

10YPT-REN-----W

# RO: Romania



Member State

Control Area

Bidding Zone

Scheduling Area

Market Balance Area

10YRO-TEL-----P

# RS: Serbia



Member State

Control Area

Bidding Zone

Scheduling Area

Market Balance Area

**10YCS-SERBIATSOV**

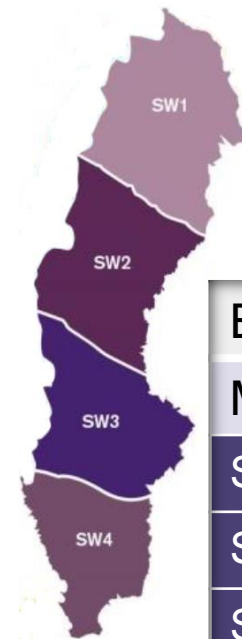
# SE: Sweden

Member State

Control Area

Scheduling Area

10YSE-1-----K

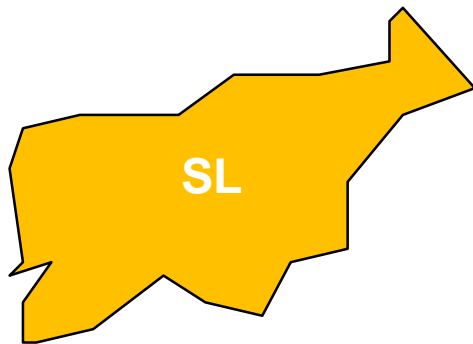


Bidding Zone

Market Balance Area

SW1	10Y1001A1001A44P
SW2	10Y1001A1001A45N
SW3	10Y1001A1001A46L
SW4	10Y1001A1001A47J

# SL: Slovenia



Member State

Control Area

Bidding Zone

Scheduling Area

Market Balance Area

10YSI-ELES-----O

# SK: Slovak Republic



Member State

Control Area

Bidding Zone

Market Balance Area

10YSK-SEPS-----K



# UA: Ukraine



Member State

Bidding Zone

Market Area

Market Balance Area

10Y1001C—00003F

Control Area

Scheduling Area

a 10Y1001A1001A869

b 10Y1001C--000182

c 10YUA-WEPS-----0

