

A long bridge with a truss structure spans a body of water. The sky is filled with large, white clouds. The water in the foreground is dark and choppy.

# JOINT BALANCING ZONE

Between the Swedish and Danish gas markets

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*GMR 2019-03-06*



# AGENDA

Introduction

GoLive decision

Projectplan

Regulation

Signing of Balancing agreement

Nomination process

Capacity contract at Dragör exit zone and JEZ

Information provision

Crises level

Webinar

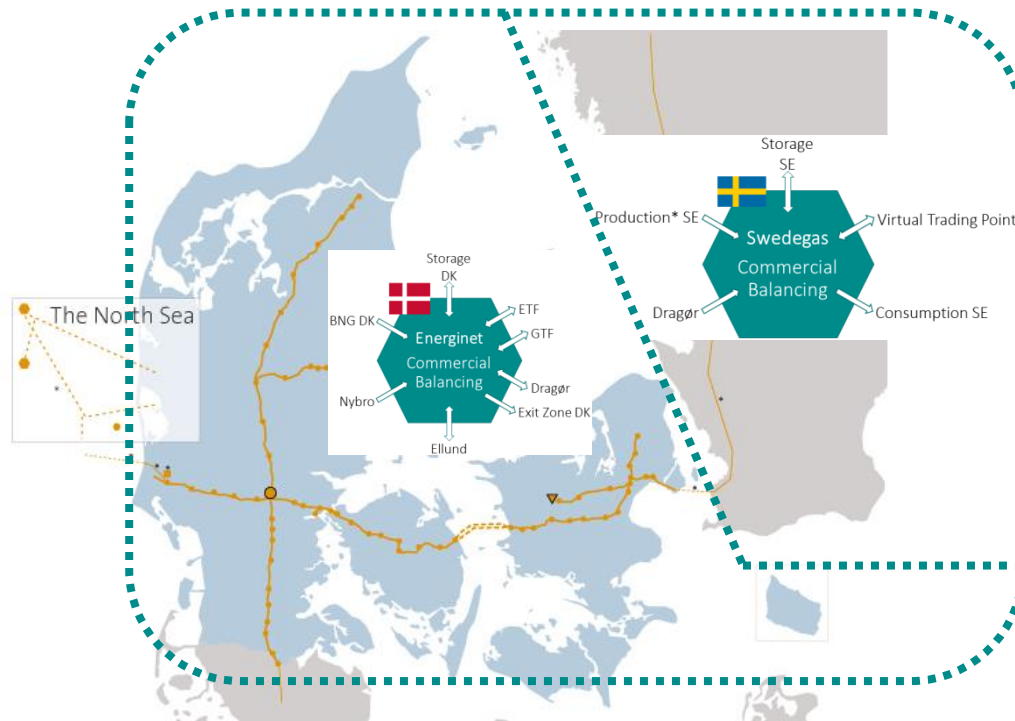


# INTRODUCTION

# TWO BALANCING ZONES BECOMES ONE

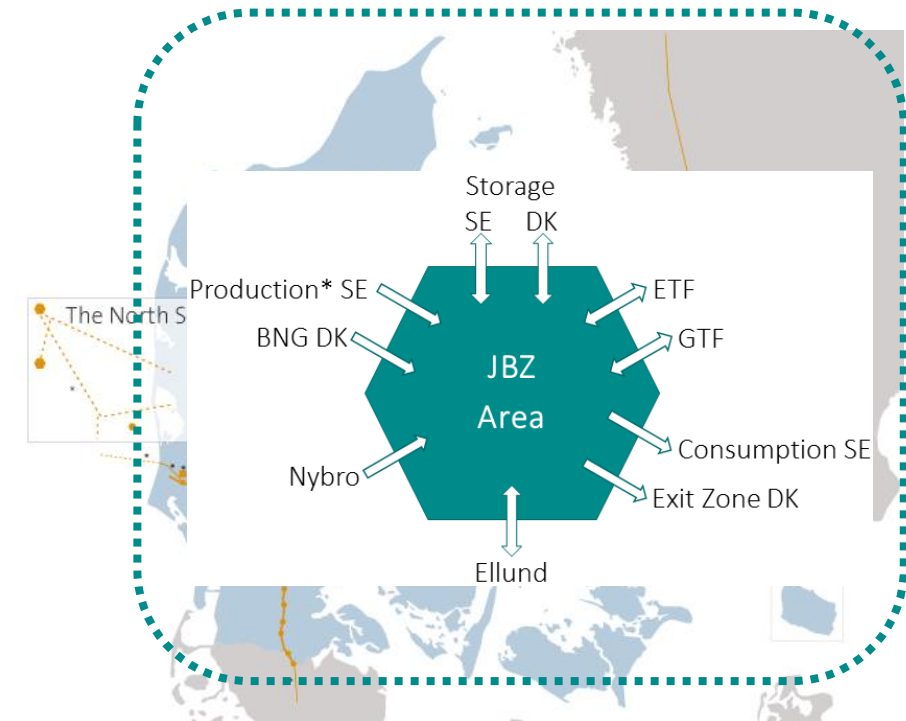
Today

Two separate balancing zones



JBZ

One Joint Balancing Zone



# BACKGROUND

## EU network code on balancing defines the standard

- Improved market liquidity and competition among gas suppliers in SE (Only 5 of 31 Shippers in DK are active in SE today). More gas traders on the market means increased competition to end customers in Sweden.
- Improved Increased pressure in SWG system will improve SoS and reduce risk for not maintaining the minimum pressure of 35 bar g to the northern part of SWG system
- Compliance with Network Code Balancing, Gas Target Model and EU harmonization to a low cost (Use of Energinet existing balancing model (compliant with NC BAL), IT systems and resources for balancing management will ensure a cost efficient solution)
- Swedegas operates today under a dispensation from living up to the NC BAL

# GOLIVE DECISION

Energinet and Swedegas hold on to the timeplan "GoLive" 1 of April

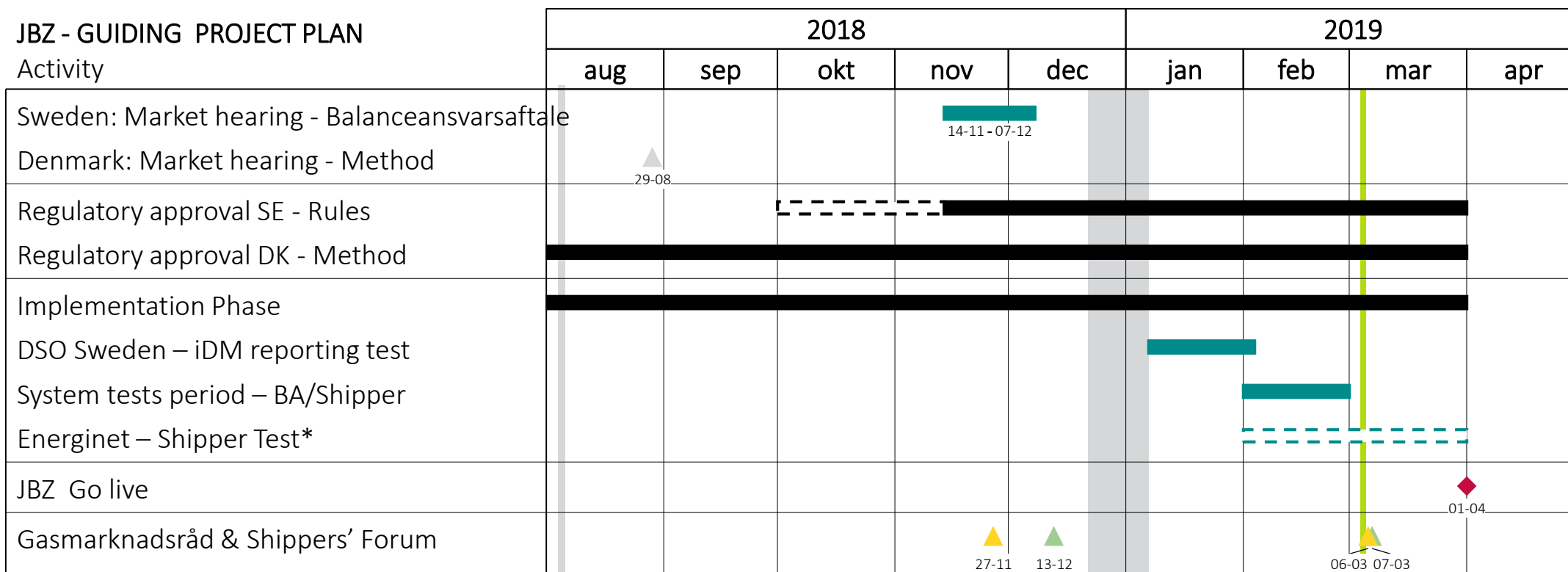
This means some practical preparation to be solved and done

- Regulatory approval
- Balancing agreement to Swedish Balance responsables
- Ediel/Edigas communication

# PROJECT PLAN

## JBZ - GUIDING PROJECT PLAN

Activity



■ Holiday period

\*Energinet Shippers are always welcome to test the existing functions

# REGULATION

JBZ needs regulatory approval from Ei in Sweden and DUR in Denmark

- ✓ We expect to receive an approval from both regulators.
- ✓ We expect DUR to publish a draft decision for public consultation very shortly.
- ✓ However, we do not expect a final decision from Ei or DUR until the end of march.





# SIGNING OF BALANCING AGREEMENT

## Signing process

- ✓ Swedegas will, under the conditions that there will be an approval from Ei on the balancing agreement (BA), send out an unsigned BA to the balancing responsables
- ✓ Balancing responsables will sign the BA and send it to Swedegas (Att: Geir Sjöholm) by post latest 22<sup>th</sup> of mars
- ✓ Swedegas will sign the BA only after the approval from Ei
- ✓ Swedegas will send out the signed BA by mail and post

# NOMINATION PROCESS

# BALANCE AND SUPPLY PLANS

## Balance plan

- The following information, submitted through Ediel, will only be considered for the gas days up to and including March 31<sup>st</sup>:
  - Trading plan per counter party in Dragör
  - Trading plan per balance administrator counter party in Sweden
  - Trading plan for weekly trading
  - Planed allocation to or withdrawal from the balance account

## Supply plan

- The following information covering gas days from April 1<sup>st</sup> and onwards can be nominated by March 27 through Edigas or alternatively through Ediel
  - Planed input to and offtake from gas storage in Sweden
  - Planed input production
  - Planed consumption

# NOMINATIONS TO SWEDEGAS IN JBZ

Edigas 5.1 and Ediel

- Possible to nominate using both Ediel and Edigas
- Edigas > Ediel
- Only nominate 1 gas day per message



# NOMINATIONS TO SWEDEGAS IN JBZ

## Nominations using Edigas 5.1

- Total consumption in Sweden (CONS-SE): 571515198310700061
- Total production in Sweden (RES-SE): 571515198310700054
- Withdrawal/Injection to Storage (STORAGE-SE): 571515198310700047
  
- BA → Swedegas: NOMINT
- Swedegas → BA: NOMRES
- Swedegas → BAM: MARSIT
- BAM → BA: NOMRES

# NOMINATIONS TO SWEDEGAS IN JBZ

## Nominations using Ediel

### Ediel codes BA → Swedegas

- 6318: Balance plan, consumption prognosis (CONS-SE)
- 6313: Balance plan, injection of domestic gas production (RES-SE)
- 6314: Balance plan, injection to storage from grid (STORAGE-SE)
- 6315: Balance plan, withdrawal from storage to grid (STORAGE-SE)

### Ediel codes Swedegas → BA

- 6317: Balance plan confirmation, consumption prognosis (CONS-SE)
- 6308: Balance plan confirmation, injection of domestic gas production (RES-SE)
- 6309: Balance plan, injection to storage from grid (STORAGE-SE)
- 6310: Balance plan, withdrawal from storage to grid (STORAGE-SE)

Swedegas → BAM: MARSIT  
BAM → BA: NOMRES

# NOMINATIONS TO SWEDEGAS IN JBZ

## Nominations using Ediel

- **Ediel codes that will be removed**
- 6312: Balance plan, trade with foreign gas producer, BA bought
- 6316: Balance plan, trade between BA (+ = BA bought -= BA sold)
- 6319: Balance plan, deposit to (-) or withdrawal from (+) balance account
- 6327: Balance plan, trade with foreign gas producer, BA sold
- 6329: Balance plan, weekly trade with SA (+ = BA bought, - = BA sold)

# NOMINATIONS TO SWEDEGAS IN JBZ

Nominate using the current system until 2019-04-01 05:00

Gas Day	Date	Comment
D-5	2019-03-27	Possible to nominate for 4/1 and onwards
D-4	2019-03-28	
D-3	2019-03-29	
D-2	2019-03-30	Change to Daylight saving time
D-1	2019-03-31	Deadlines: Supply plan: D Forecast Supply plan: D+1,D+2
<b><i>D</i></b>	<b><i>2019-04-01</i></b>	<b><i>JBZ Go Live 1/4 06:00</i></b>
D+1	2019-04-02	
D+2	2019-04-03	
D+3	2019-04-04	



# CAPACITY CONTRACTS AT DRAGØR, EXIT ZONE & JEZ

How and where to book capacity before 1 April 2019 and after 1 April 2019

## PRISMA

- No **monthly** auction running for April
- Last **daily** auction running 30 March 2019 at 16:30
- Last **WD auction** 01:00-01:30 1 April 2019

## Energinet Online

- **Before 1 April** purchase of long term Exit Zone capacity (covering JEZ)
- **From 1 April** capacity point Exit Zone will change name to JEZ

## Conversion of contracts

- Long term Dragør contracts will be converted to JEZ
- Existing Long term Exit Zone contracts will not be renamed (Cover JEZ)

# INFORMATION PROVISION

Within day data

# SHIPPER

## - INFORMED ON BALANCE POSITION 5 TIMES A DAY

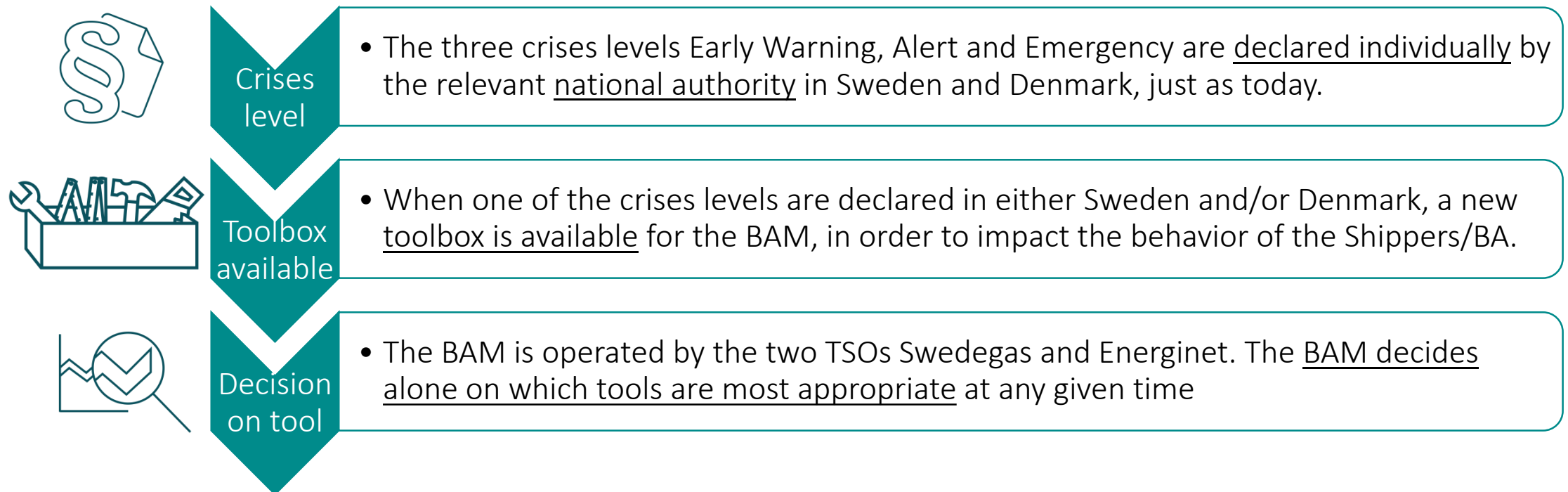
Consumption groups	Shipper Information	Methodology used in:
<div><div><div>nDMS</div><div>sDMS</div><div>iDMS</div></div><div>Consumption</div></div>	<div><div>Forecast</div><div>5 Times</div><div><div>24h</div><div>24h</div><div>24h</div><div>24h</div><div>24h</div></div><div><div>One value for 24 hours</div><div><div>X</div><div>X</div><div>X</div><div>X</div><div>X</div></div></div></div>	Same for DK & SE
	<div><div>Methodology for sDMS is the same as for nDMS</div><div>[sDMS = DMS – iDMS ; these are the small DMS]</div></div>	Used in SE Not relevant for DK
	<div><div>Measurements</div><div>5 Times</div><div><div>6h</div><div>9h</div><div>12h</div><div>15h</div><div>18h</div></div><div><div>Hourly values</div><div><div>123456</div><div>123456789</div><div>123456789101112</div><div>123456789101112131415</div><div>123456789101112131415161718</div></div></div></div>	Same for DK & SE

# CRISIS LEVELS



# JBZ: PRINCIPLES UNDER CRISES LEVELS

How the commercial balancing tools shall work in the JBZ, under the three crises levels  
Early Warning, Alert and Emergency



# JBZ: CLARIFICATION OF BAM AND TSO TASKS

## Tasks of BAM and TSOs under crisis levels



# WEBINAR

IT specific questions to Swedegas and Energinet

Wednesday 27 mars clock: 09.00-11.00

Swedegas will send out Skype link

Please forward questions in advance to [jbz@swedegas.se](mailto:jbz@swedegas.se)

# Questions

<https://en.energinet.dk/Gas/Shippers/Swedegas-Joint-Balancing-Zone>

Contact: Mobile: +46 31 43 93 62 or email: [jbz@swedegas.se](mailto:jbz@swedegas.se)

