

# REAL-TIME ARRIVAL BOARD

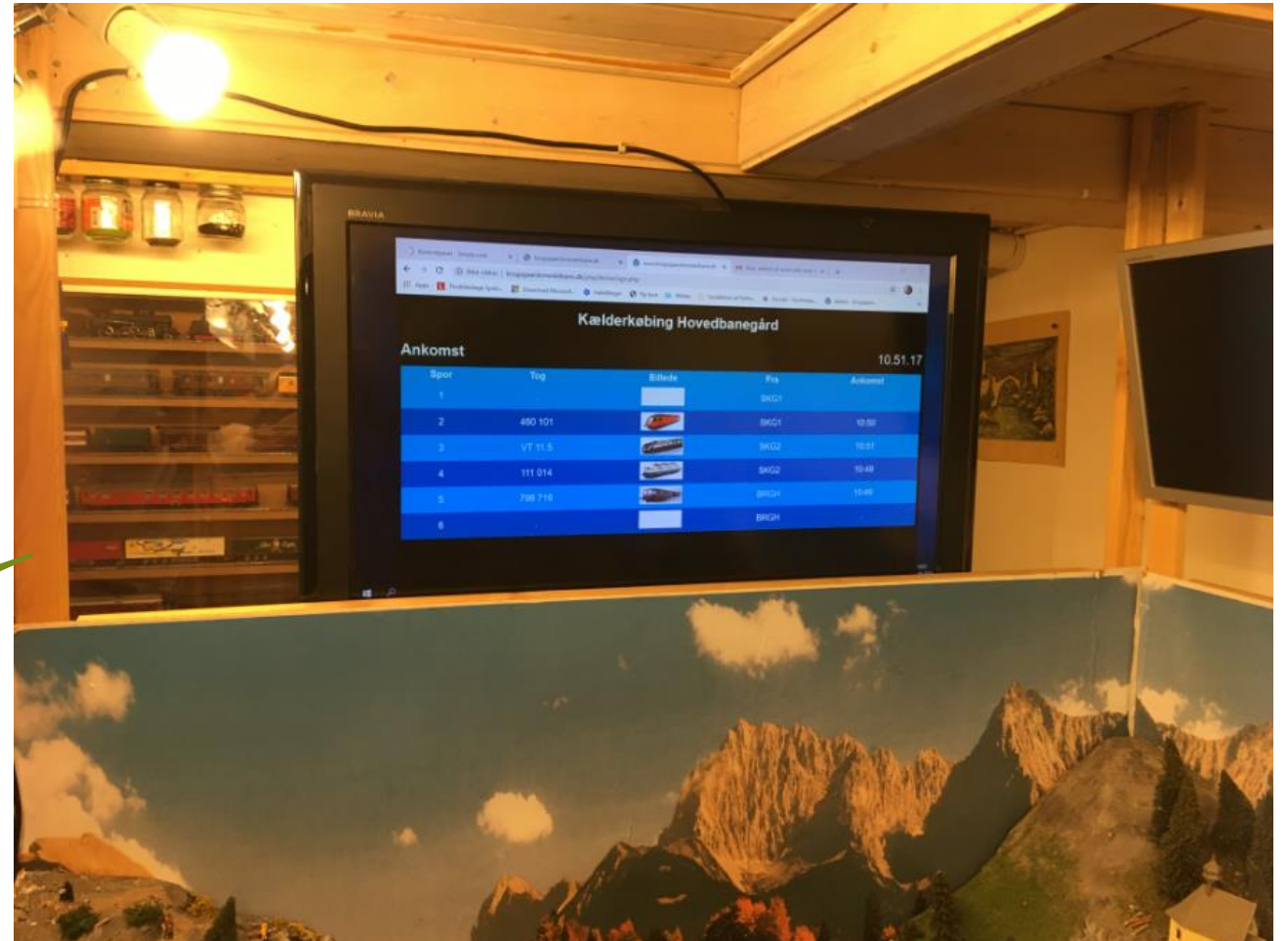


# The Goal !- show real-time arrival times



For the 'Preislers'

And for the  
'Giants'



Kælderköbing Hovedbanegård				
Ankomst				
Spør	Tog	Billets	Pls	Ankomst
1			SKG1	10:51
2	450 101		SKG1	10:52
3	VT 21.5		SKG2	10:54
4	111 014		SKG2	10:58
5	798 719		BRGH	10:59
6			BRGH	

# Trains arrive to Mainstation from 3 stations:



Shadow Station 1 – SKG1



Shadow Station 2 – SKG2



Mainstation

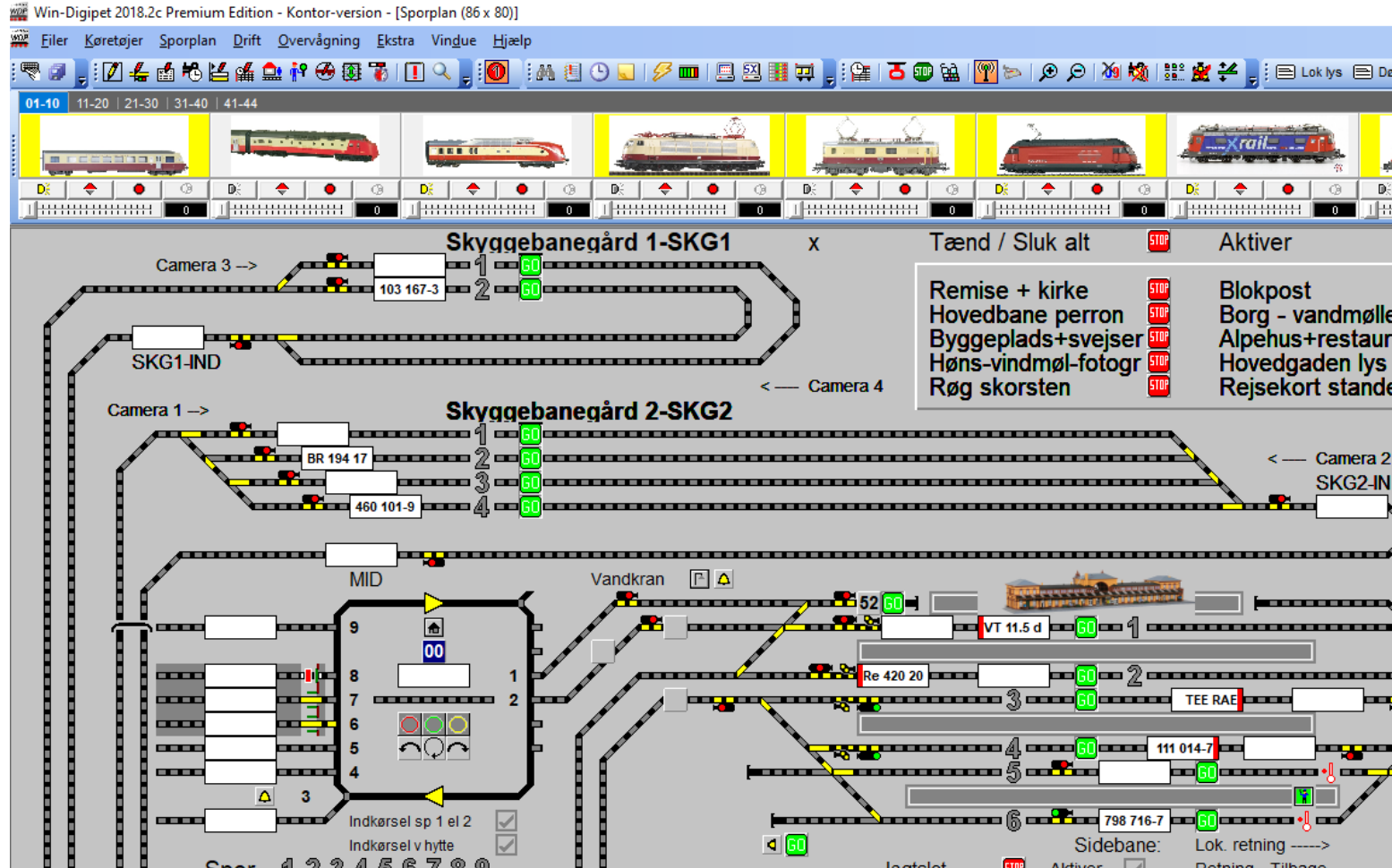


Bjergkøbing - BRGH

On the Main-line there are up to 7 trains – and from Bjergkøbing there are 2 trains.



# Train control system is Windigipet 2018



All control is done with Windigipet - including change from day to night and visa versa. Also automatic change of locomotives

# Data – from Windigipet to Arrive-Board

1 – create Log lines - in



3 – MYSQL – Cloud database



2- Filter –  
Calculate -  
send to MYSQL



20:57 19. 11. aug. AA ikke sikker — krogsgaardsmodelbane.dk

**Kælderkøbing Hovedbanegård**

Ankomst 20.57.58

Spor	Tog	Billede	Fra	Ankomst
1	111 014		SKG1	20:58
2	TEE RAE		SKG1	20:58
3	Re 420		SKG2	20:58
4	.		SKG2	.
5	vi75		BRGH	20:58
6	.		BRGH	.



# 1 – Create log lines in WDP

In the Tour-automatic editor – I created a Logbook–entry for every tour to the Main-station.

The screenshot shows a table of tours with columns for start time, duration, route, and track number. Below the table is the 'Aktionen while tour/route:' panel, which contains a 'Logbook entry' section with 'at begin' and two 'Change text in track layout' actions. A 'Logbook-/Memo-/Text record' section shows a dropdown menu set to 'Logbook message' and a text field containing 'BEGIN\_TO\_04\Vehicle name on TND 31'. A dropdown menu at the bottom is set to 'at begin'.

The 'Extended message text' dialog box shows a 'Name' field with 'Train name on TND-31' and a 'Text' field with 'BEGIN\_TO\_04'. A 'Test output' section at the bottom shows 'BEGIN\_TO\_04460 101-9'.

Finally we choose the Train-name at the start point

For example this tour is from SKG2 to Main-station – track 4

Log is created at the begin of the tour

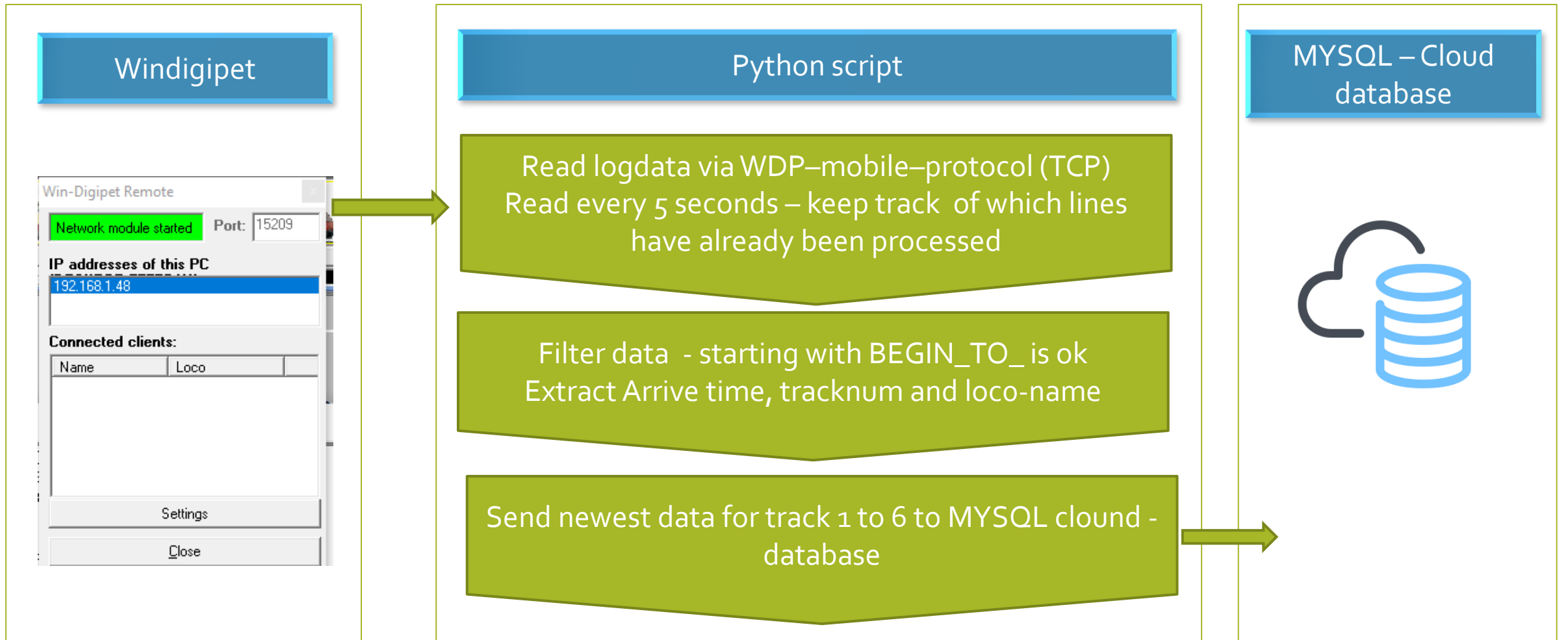
We enter a fixed text – BEGIN\_TO\_ + the number of the track at the main station- in this example: BEGIN\_TO\_04

Filter: Lines starting with BEGIN\_TO\_  
 Arrive-time: Starttime + 60 sec = 14.31  
 Train: (we only use first 7 characters): 103 167  
 Track: 4

The 'Logbook' window shows a list of log entries with columns for time, status, and message. The entry '14:30:17 BEGIN\_TO\_04103 167-3' is highlighted in yellow.

# 2 – Filter and calculate data

On the PC running WDP a Python script is created. It reads the log – filter data – and send the result to a MYSQL database.



# 3 – MySQL – Cloud database.

I have a WordPress homepage. It is based on MYSQL – and you can create your own databases and tables.

There are two tables in the database – one table with the arrive times and trains for each of the 6 tracks – and one table with the trainname and a picture.

Table with arrive times – used by Oled display and homepage

TrackNum	TrainName	FromStation	ArriveTime
1	103 167	SKG1	20:59
2	.	SKG1	.
3	.	SKG2	.
4	460 101	SKG2	20:59
5	vt75	BRGH	20:59
6	798 716	BRGH	21:00



Table with train name and picture

TrainName	TrainPicture
010505-	
103 167	
111 014	
460 101	
798 716	
BAY. B	

Table – join – over Trainname

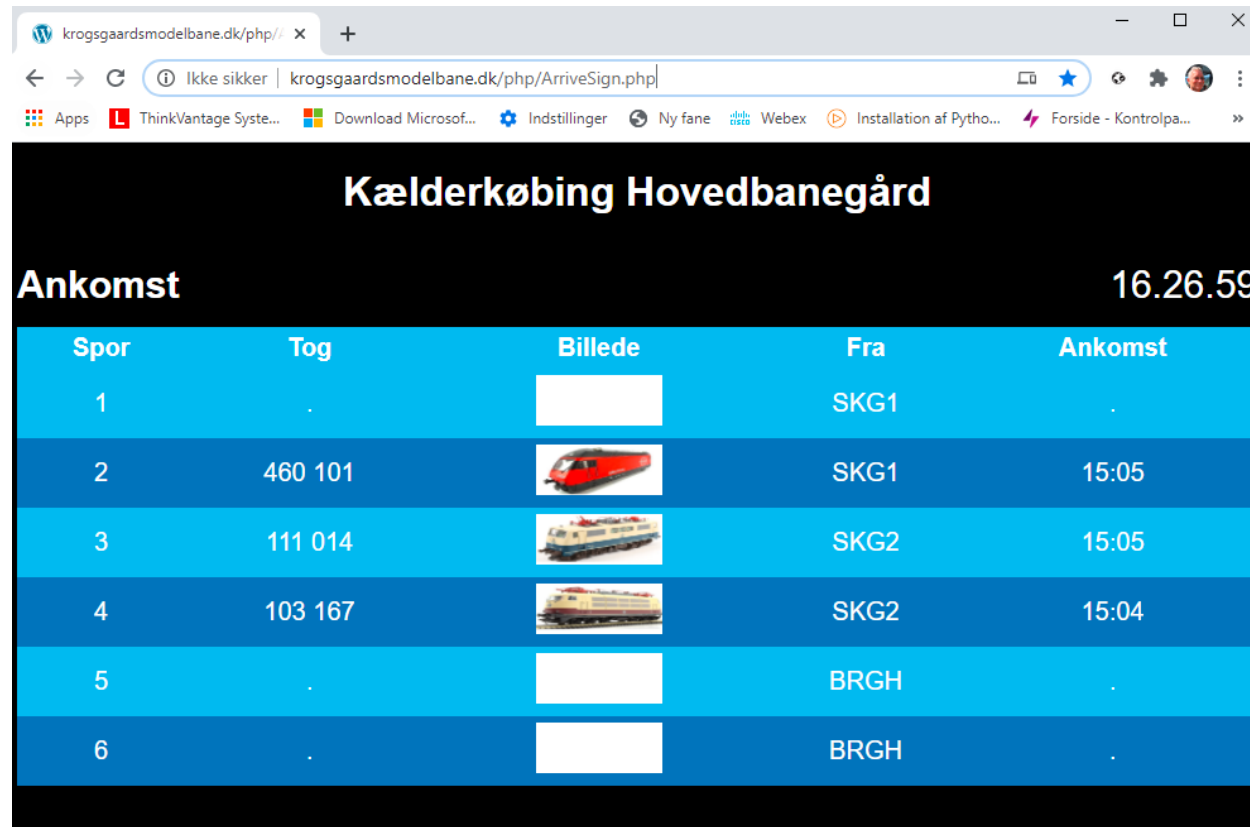








Kælderkøbing Hovedbanegård				
Ankomst 17.19.21				
Spor	Tog	Billede	Fra	Ankomst
1	103 167		SKG1	20:59
2	.		SKG1	.
3	.		SKG2	.
4	460 101		SKG2	20:59
5	vt75		BRGH	20:59
6	798 716		BRGH	21:00





# 5 – BIG - Arrive Board - homepage



Kælderkøbing Hovedbanegård				
Ankomst				16.26.59
Spor	Tog	Billede	Fra	Ankomst
1	.		SKG1	.
2	460 101		SKG1	15:05
3	111 014		SKG2	15:05
4	103 167		SKG2	15:04
5	.		BRGH	.
6	.		BRGH	.

<http://krogsgaardsmodelbane.dk/php/ArriveSign.php>



MYSQL – Cloud  
database.

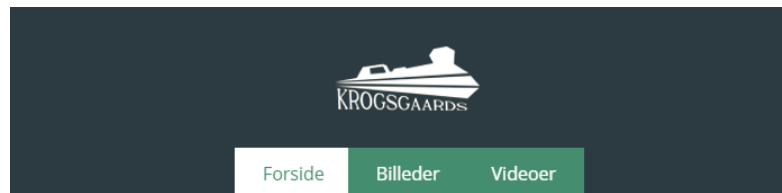
PHP – page – data is  
refreshed every 5  
second.  
Programmed in  
HTML/PHP - with call to  
jQuery

# Thanks for your attention !

August 2020

[Krogsgaardsmodelbane.dk](http://Krogsgaardsmodelbane.dk)

[Modeltog-guide.dk](http://Modeltog-guide.dk)



Velkommen til Kælderkøbing modeltogbane

