

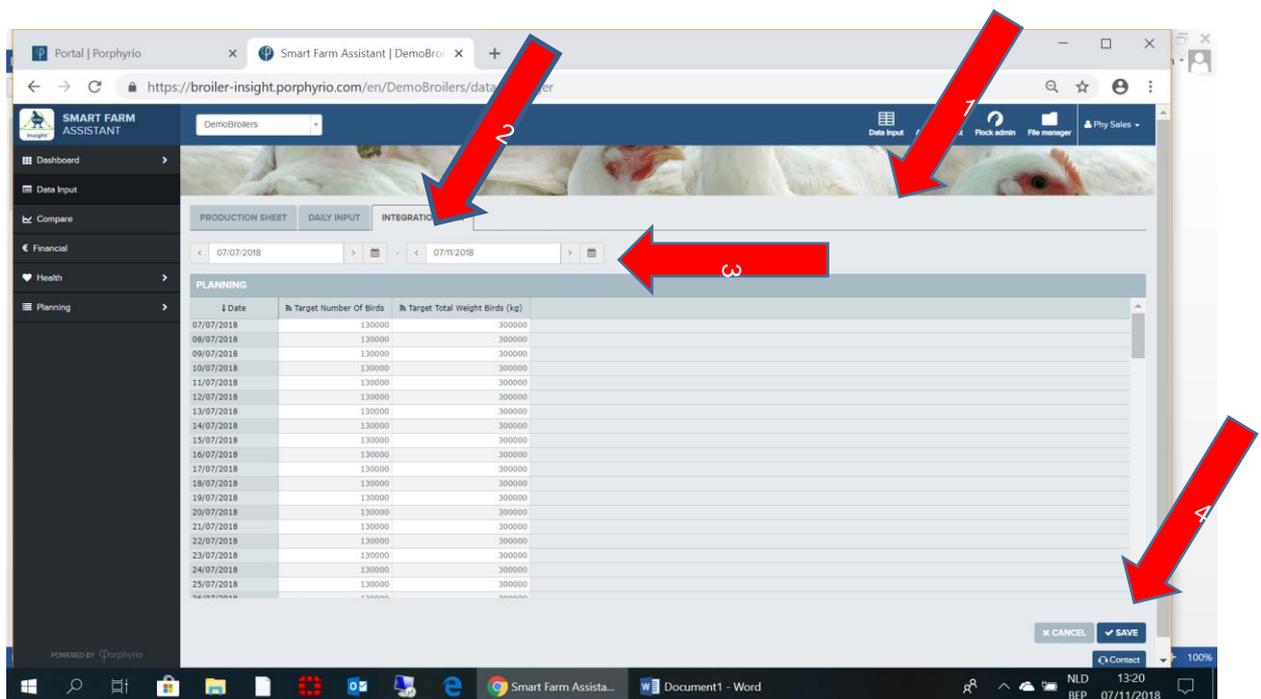
Production Planning

Dear partner,

It took some time but now Production planning is also available on the broiler demo site. In due time this will also be available for the broiler breeders (hatching eggs, day old chicks) as well as for the commercial layers (first grade eggs, second grade eggs).

What is different?

The first thing that is different can be found clicking on the data input button. Instead of only finding here the buttons “production sheet” and “daily input” you will also find here the extra button “integration”. Clicking on this button will result in a template in which you will be able to fill in the daily requirements for the processing plant for 1) number of birds/day and 2) total weight/day. The period which you want to fill can be indicated using the date buttons. Please remember if data have been filled in you need to save the data.



The second thing what is different can be found on the page of Flock admin. There you will notice again multiple changes. The first one you can see immediately above the table. There you can find 2 buttons to indicate whether you want the de-activated flocks(historical flocks) and the planned flocks as well indicated in the flock overview. If you do not indicate any to be visualized than you will only see the active flocks. When you click on the “create flock” or “change/edit flock” signs



The screenshot shows the 'SMART FARM ASSISTANT' interface. The main content area displays a table of broiler flocks with columns for Farm, House, Status, ID / Name, Genetic Line, Age (Days), Hatch date, Date of arrival, Expected day of arrival, and #Birds at arrival. Below the table is a 'SUPPLY PLANNING' chart showing the number of birds present and total weight over time. A blue arrow points to the table, and a red arrow points to the 'Show historical flocks' checkbox.

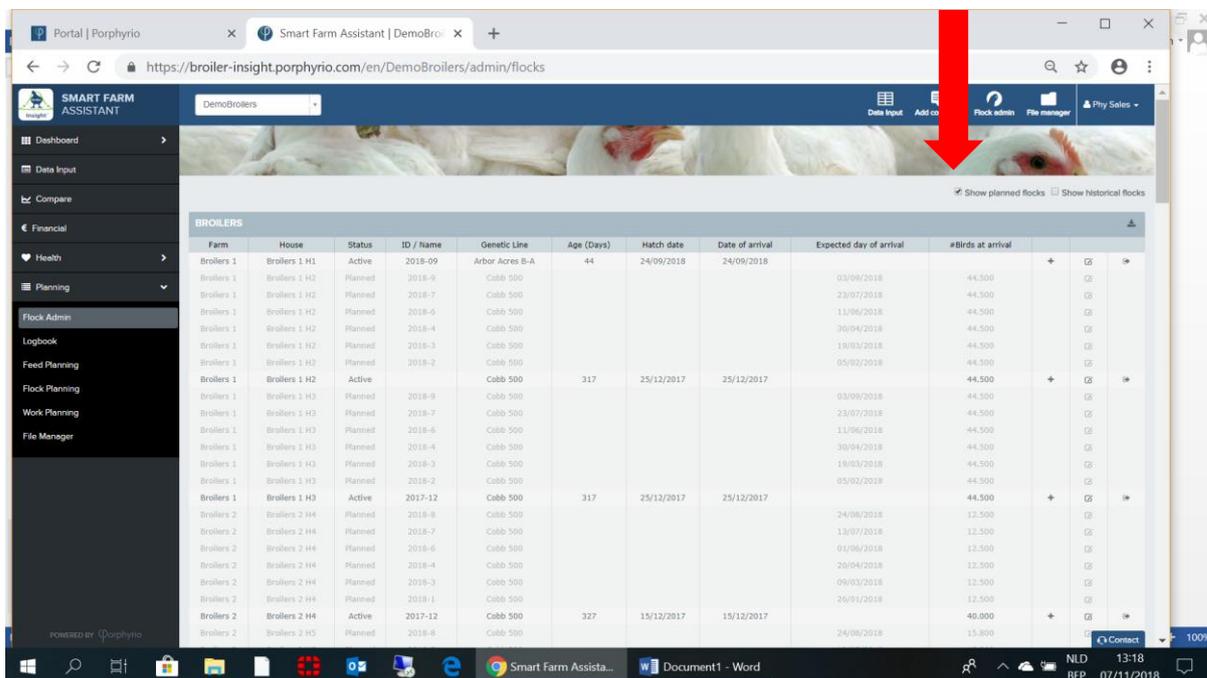
Farm	House	Status	ID / Name	Genetic Line	Age (Days)	Hatch date	Date of arrival	Expected day of arrival	#Birds at arrival
Broilers 1	Broilers 1 H1	Active	2018-09	Arbor Acres B-A	44	24/09/2018	24/09/2018		
Broilers 1	Broilers 1 H2	Active		Cobb 500	317	25/12/2017	25/12/2017		44.500
Broilers 1	Broilers 1 H3	Active	2017-12	Cobb 500	317	25/12/2017	25/12/2017		44.500
Broilers 2	Broilers 2 H4	Active	2017-12	Cobb 500	327	15/12/2017	15/12/2017		40.000
Broilers 2	Broilers 2 H5	Active	2017-12	Cobb 500	327	15/12/2017	15/12/2017		15.800
Broilers 2	Broilers 2 H6	Active	2017-12	Cobb 500	327	15/12/2017	15/12/2017		15.250
Broilers 3	Broilers 3 H7	Active	2017-12	Ross 308	337	05/12/2017	05/12/2017		34.500
Broilers 3	Broilers 3 H8	Active	2017-12	Cobb 500	337	05/12/2017	05/12/2017		34.470
Broilers 3	Broilers 3 H9	Active	2017-12	Cobb 500	337	05/12/2017	05/12/2017		34.500
Broilers 4	Broilers 4 H10	Active	2018-01	Ross 308	309	02/01/2018	02/01/2018		48.510
Broilers 4	Broilers 4 H11	Active	2018-01	Ross 308	309	02/01/2018	02/01/2018		49.300
Broilers 4	Broilers 4 H12	Active	2018-01	Ross 308	309	02/01/2018	02/01/2018		48.420

If you click “show the historical flocks” you will be able to see the active flocks as well as the historical flocks.

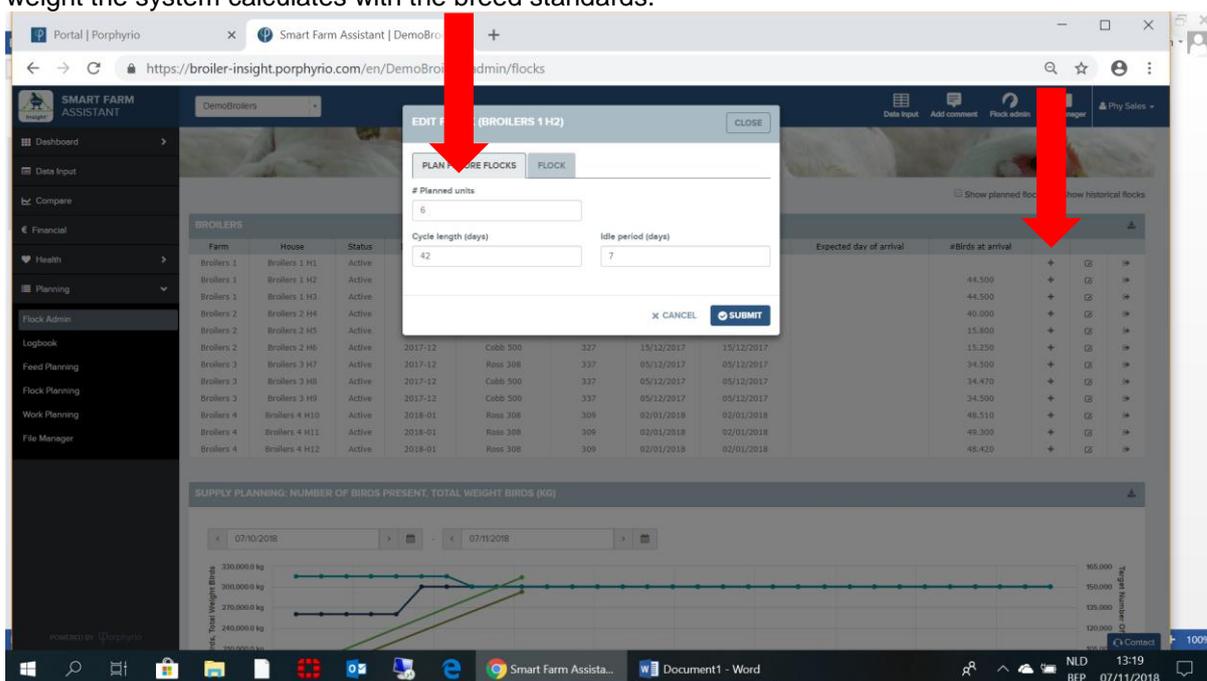
The screenshot shows the 'SMART FARM ASSISTANT' interface with the 'Show historical flocks' checkbox selected. The table now includes inactive flocks. A red arrow points to the 'Show historical flocks' checkbox.

Farm	House	Status	ID / Name	Genetic Line	Age (Days)	Hatch date	Date of arrival	Expected day of arrival	#Birds at arrival
Broilers 1	Broilers 1 H1	Active	2018-09	Arbor Acres B-A	44	24/09/2018	24/09/2018		
Broilers 1	Broilers 1 H1	Inactive	Test	Cobb 500		23/09/2018	23/09/2018		1
Broilers 1	Broilers 1 H1	Inactive	20183107	Cobb 500		29/07/2018	30/07/2018		5.000
Broilers 1	Broilers 1 H1	Inactive	2017-12	Cobb 500		25/12/2017	25/12/2017		44.500
Broilers 1	Broilers 1 H2	Inactive	2018-9	Cobb 500		23/09/2018	23/09/2018		1
Broilers 1	Broilers 1 H2	Active		Cobb 500	317	25/12/2017	25/12/2017		44.500
Broilers 1	Broilers 1 H3	Active	2017-12	Cobb 500	317	25/12/2017	25/12/2017		44.500
Broilers 2	Broilers 2 H4	Active	2017-12	Cobb 500	327	15/12/2017	15/12/2017		40.000
Broilers 2	Broilers 2 H5	Active	2017-12	Cobb 500	327	15/12/2017	15/12/2017		15.800
Broilers 2	Broilers 2 H6	Active	2017-12	Cobb 500	327	15/12/2017	15/12/2017		15.250
Broilers 3	Broilers 3 H7	Active	2017-12	Ross 308	337	05/12/2017	05/12/2017		34.500
Broilers 3	Broilers 3 H8	Active	2017-12	Cobb 500	337	05/12/2017	05/12/2017		34.470
Broilers 3	Broilers 3 H9	Active	2017-12	Cobb 500	337	05/12/2017	05/12/2017		34.500
Broilers 4	Broilers 4 H10	Active	2018-01	Ross 308	309	02/01/2018	02/01/2018		48.510
Broilers 4	Broilers 4 H11	Active	2018-01	Ross 308	309	02/01/2018	02/01/2018		49.300
Broilers 4	Broilers 4 H12	Active	2018-01	Ross 308	309	02/01/2018	02/01/2018		48.420

If you click “show planned flocks” you will see the future planned flocks as well as the actual flocks. Of course both “show planned flocks” as well as “show historical flocks” can be indicated at the same time showing an overview of the historical flocks, the actual flocks and the future planned flocks.



Before the system can show any planned flocks these future flocks need to be defined and quantified. The numbers, age, weight and hatch date has to be set. This is done by clicking on the + to create new flock. By doing so you will see a new template showing 2 buttons: "plan future flocks" and "flocks". If you click on "plan future flocks" the template will appear in which you can fill in the number of flocks to be planned in the future, the cycle length and the time needed for cleaning and disinfection (idle period) (cycle length is growing period + idle period). All planned flocks will have the same cycle length. For weight the system calculates with the breed standards.





If you want to change the hatch date, cycle length or idle period for a specific planned flock this is possible by clicking on the button "edit" for that specific planned flock and then click on flock and fill in the hatch date and cycle length. Always remember to save or submit the data.

Farm	House	Status	Expected day of arrival	#Birds at arrival
Broilers 1	Broilers 1 H1	Active		
Broilers 1	Broilers 1 H2	Active		
Broilers 1	Broilers 1 H3	Active		
Broilers 2	Broilers 2 H4	Active		
Broilers 2	Broilers 2 H5	Active		
Broilers 2	Broilers 2 H6	Active		
Broilers 3	Broilers 3 H7	Active		
Broilers 3	Broilers 3 H8	Active		
Broilers 3	Broilers 3 H9	Active		
Broilers 4	Broilers 4 H10	Active		
Broilers 4	Broilers 4 H11	Active		
Broilers 4	Broilers 4 H12	Active		

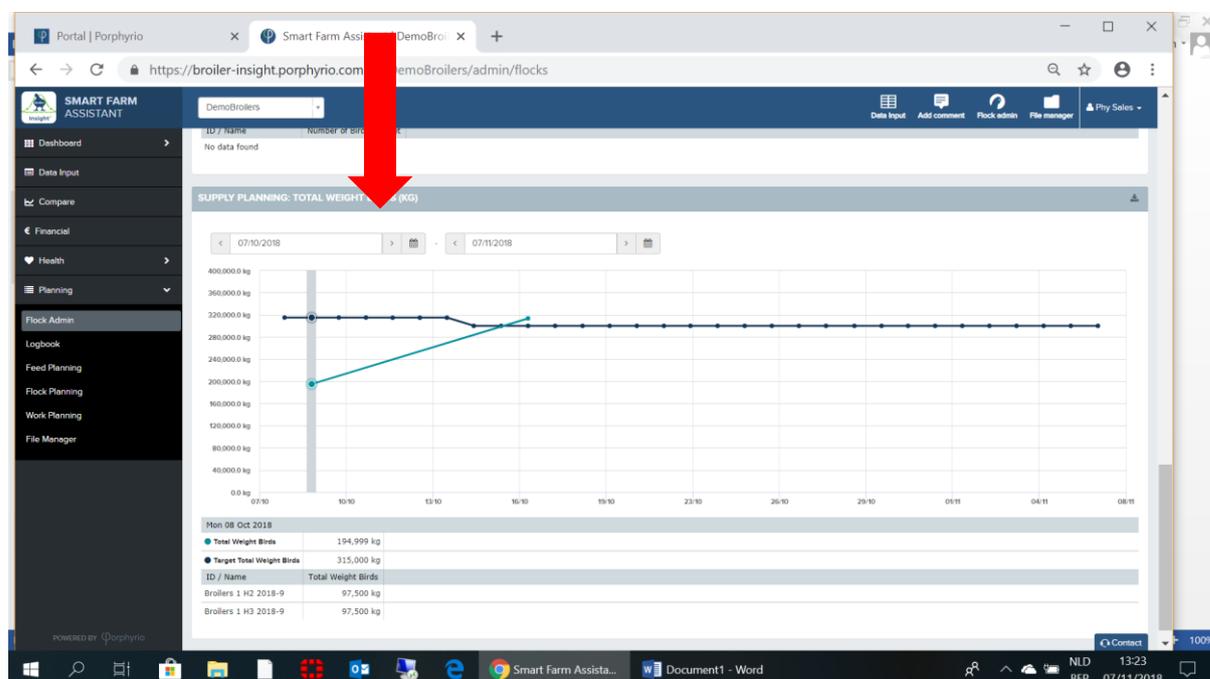
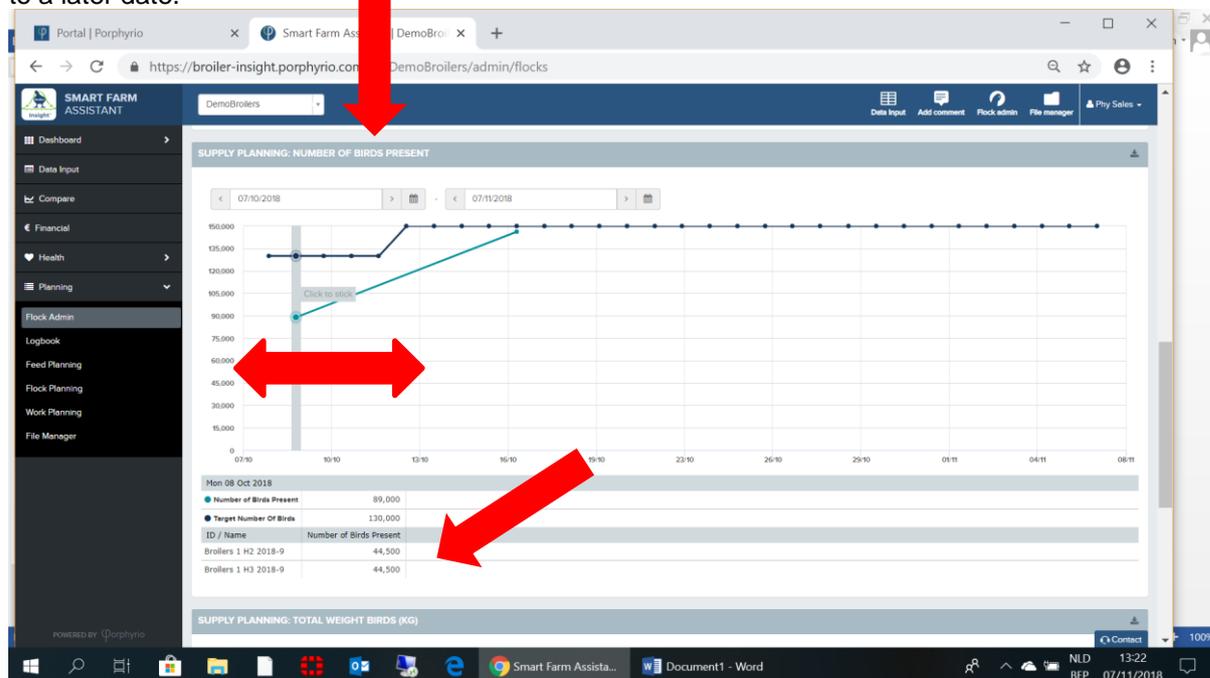
So, now all the necessary data to calculate and visualize the production planning is being made available in the system and the graphs can be created.

These graphs are now available below the Flock Overview.

The graph is either combined numbers with total weight, or only number of birds or only total weight. You can always select the period you want to see.

ID / Name	Number of Birds Present	Total Weight Birds
No data found		

If you scroll the lines the flocks identification and the corresponding levels (numbers/flock, total weight/flock) will show so that it will be easier to see which flock you have to move to an earlier date or to a later date.



Now, you should be able to start practicing and explain how this works to the potential customers. The cost calculation model which is available via the distributor portal will be very soon adapted with the extra functionality of Production Planning.

If still anything is not clear, please do not hesitate to contact me (till November 30th) or Elisabeth Scalais which will support you in understanding how the system can be used.