

DataHUB360°, data at the service of breeders



ELIANCE
Des éleveurs. Une ambition.



***A new federation is born in France
Alice and FCEL merge to become***



ELIANCE
Des éleveurs. Une ambition.



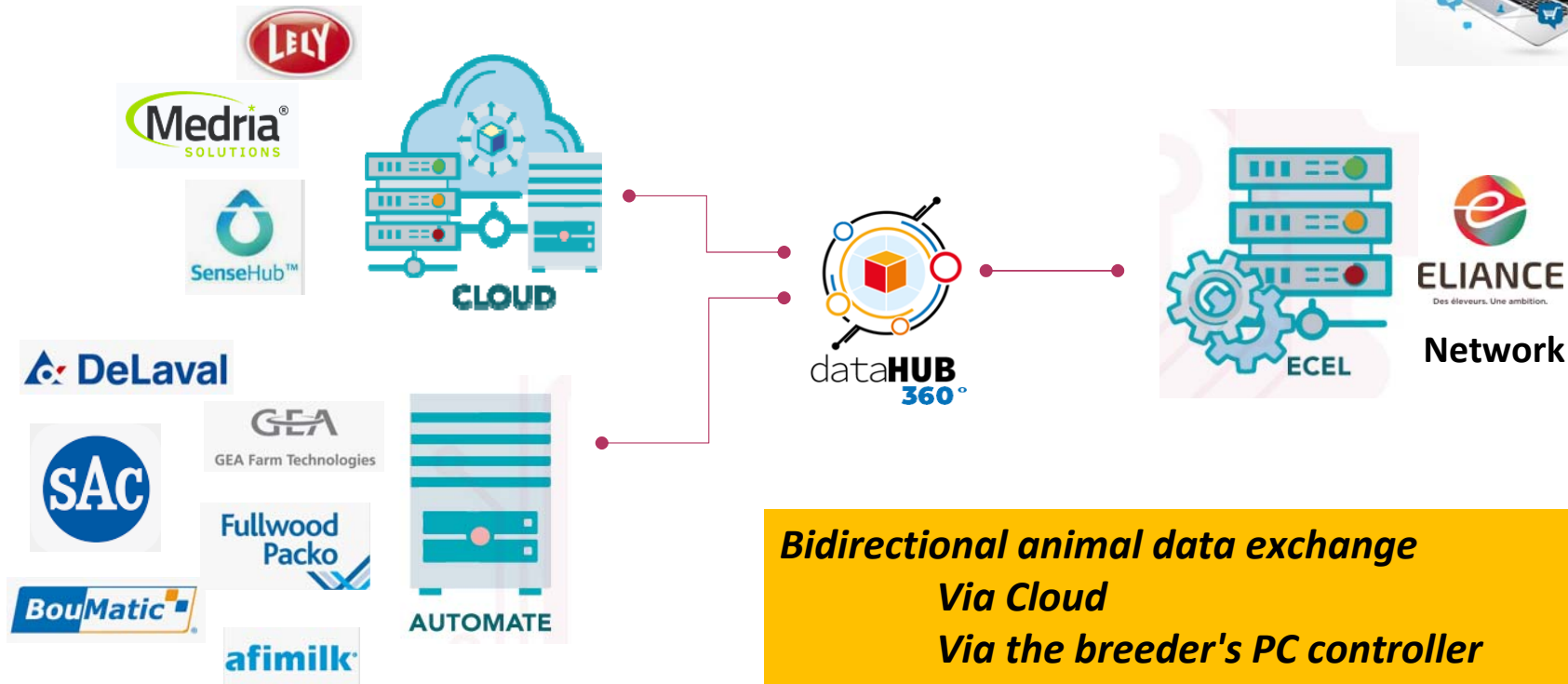
Summary

- ➔ **Success Key for data valuation**
- ➔ **What is the platform dataHUB 360°**
- ➔ **Tolls connected**
- ➔ **Valuation with the tools**
- ➔ **Conclusion**

Success Key for data valuation

- The first step is a solution to data exchange (import /export)...
- Share the data with the farmer
- Standardisation of the data collected from each Manufacturer
- Monitoring the data flow for the farmer
- Add value for the farmer

dataHUB 360° Concept



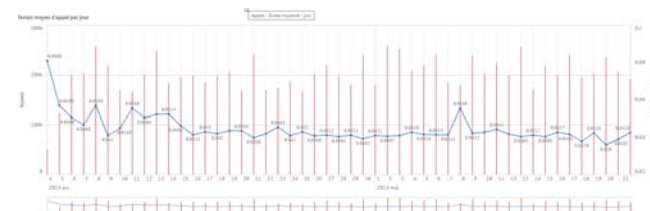
***Bidirectional animal data exchange
Via Cloud
Via the breeder's PC controller
Monitoring the dataflow
Management of multi-automate for one farm***

Automates connected to the platform

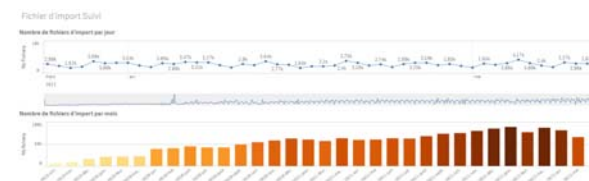
5400 Automates



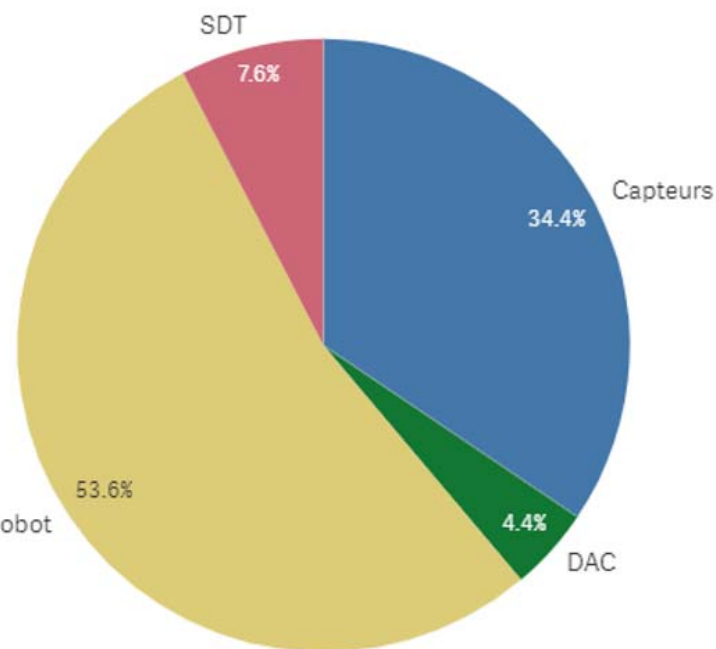
Call on the platform : 5M/month, 200k /day



File imported every day : 3 500 files

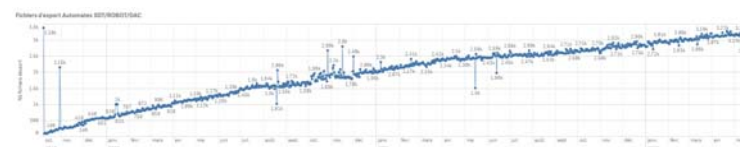


Every 10 minutes
the system check the
new file



Aumtomate	Installations
Robot	2897
Sensor	1861
Milking Parlour	409
Feeding Station	238

File exported every day : 3000 without sensor



Tools connected to the platform



Tools Using Milk production and quality (1)



➔ Use in live the data for genetic valuation directly with the farm equipped with milk meter



- ➔ Tools on the web platform for robot only
 - ➔ marriage between milk production and the analysis for the milk performance
 - ➔ Automatic assembly for the robot
 - ➔ Automatic result for the farmer
 - ➔ 5400 robots connected

Tableau de bord																
AUTOMATE		Données Robot manquantes	Données Labo manquantes	Lait->Taux	Assemblage en alerte	Problème code état	Messures vérifiées	Données non acquises	Tout les robots	Affichage des robots						
Vue	▲															
		Pays	Ty ¹ Cheptel	Nom	Date contrôle	Date analyse	CP ²	Etat de l'assemblage	Assemblage	Δ	SLP requis	Stat OK	ICE OK	R ₀ Nat	A Exp	Types d'export
📁	E150															
📁	E280															
📁	E360															
📁	E370															
📁	E480															
📁	E570															
📁	E670															
📁	E810															
📁	E974															
📁	L010															
📁	L050															
📁	L070															
📁	L080															
📁	L090															
		FR	22 295 004	GAEC JAGLIN	28/05/2022	31/05/2022	C	Assemblé	31/05/2022	3 J				100	<input type="checkbox"/>	
		FR	22 100 008	GAEC DU VALLET	28/05/2022		C	En attente de taux						100	<input type="checkbox"/>	
		FR	56 246 080	EARL RENE NICOLAS	27/05/2022		C	En attente de taux						100	<input type="checkbox"/>	
		FR	56 002 924	CELARD	27/05/2022	30/05/2022	P	Assemblé	01/06/2022	5 J				100	<input type="checkbox"/>	
		FR	29 278 118	CITERIN Tony	27/05/2022		C	En attente de taux						100	<input type="checkbox"/>	
		FR	56 171 016	GAEC DE TREBRUN	25/05/2022	30/05/2022	C	Validation forcée	31/05/2022	6 J				100	<input type="checkbox"/>	
		FR	29 246 001	EARL DE KERANGOFF	25/05/2022	30/05/2022	C	Assemblé	31/05/2022	6 J				100	<input type="checkbox"/>	
		FR	56 074 011	GAEC DU MANEGUEN	24/05/2022	30/05/2022	C	Assemblé	30/05/2022	6 J				100	<input type="checkbox"/>	
		FR	29 010 025	GAEC CLOAREC	24/05/2022	28/05/2022	C	Validation forcée	30/05/2022	6 J				100	<input type="checkbox"/>	
		FR	56 120 008	GAEC DE KERUBAN	24/05/2022	27/05/2022	C	Assemblé	27/05/2022	3 J				100	<input type="checkbox"/>	



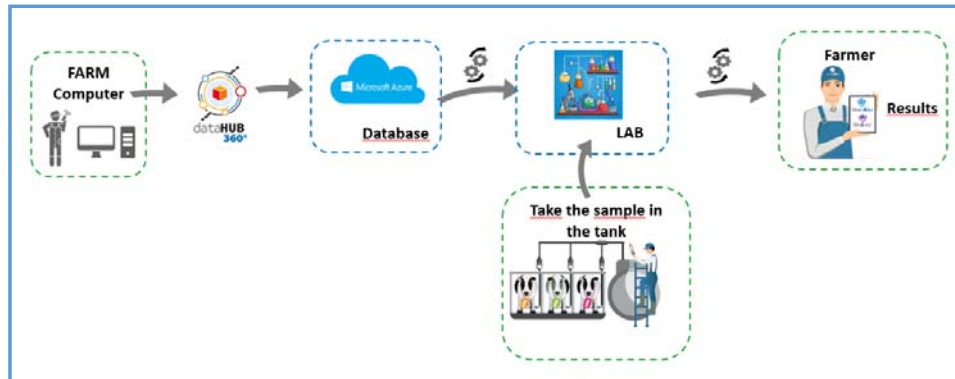
- ➔ Tools for monitoring milk meter used for milk performance
- ➔ Expected milk for each Cow is compared with the meter during milking
- ➔ 100 milking parlour connected
- ➔ In test for milking robot



Tools Using Milk production and quality (2)



- Tools using the milk production for the calculation of the somatic cells with only One sample of the tank.



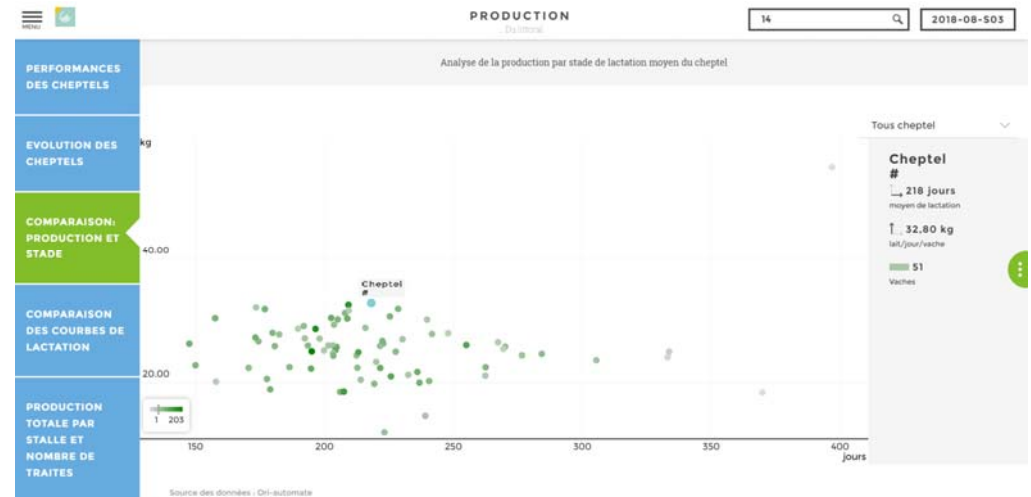
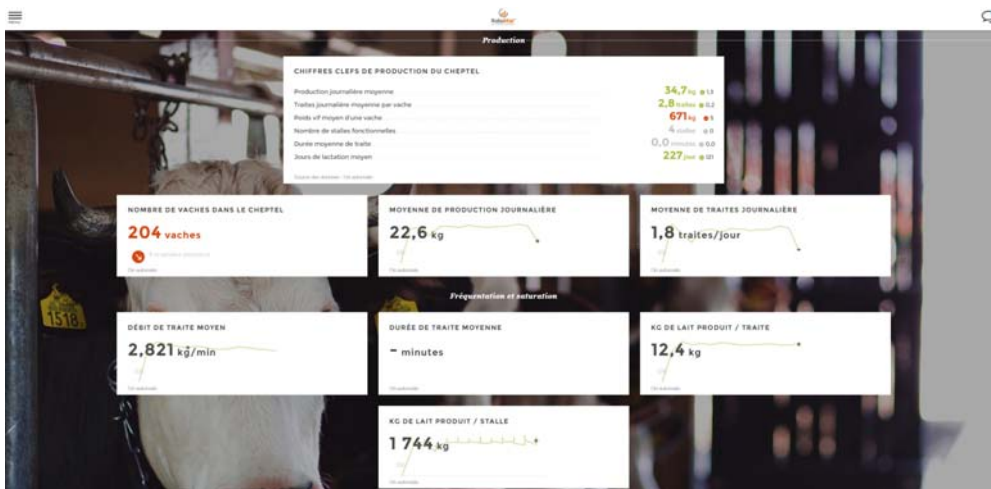
- Tools using milk production and other data to estimate the milk forecast for the dairy cooperative.
- 13 organizations, 2 000 farms



Tools using more data for advice or study (1)



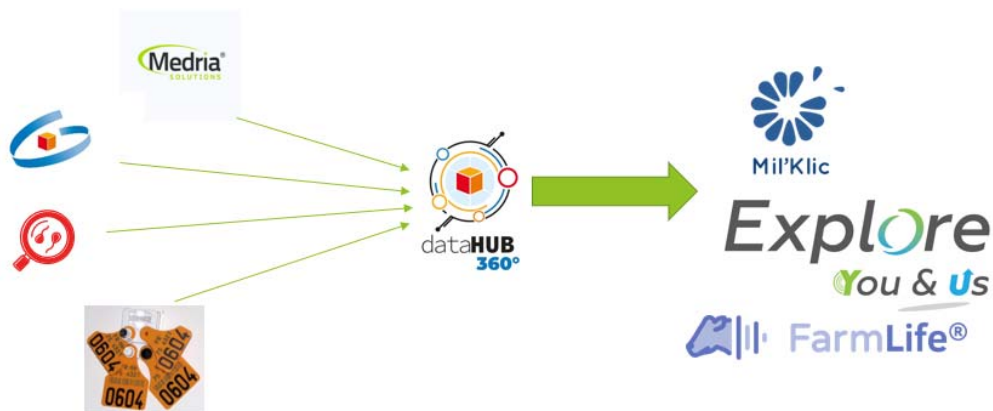
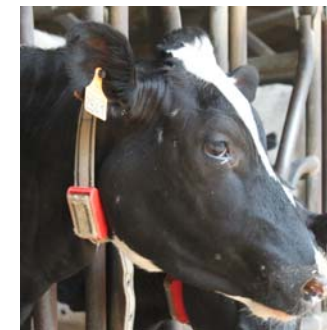
- ➔ Tools for advisor to expertise all the data from the robot collected
 - ➔ Evaluate your cow or your farm
 - ➔ Compare the farm with other.....



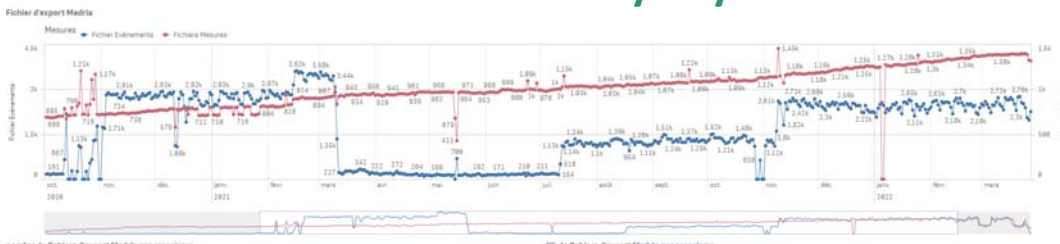
Tools using more data for advice or study (2)



- Sensor for cow monitoring
- Connected directly to the data-



DataFlow : 1,5k files with measurement and 2.5 k files with alert every day



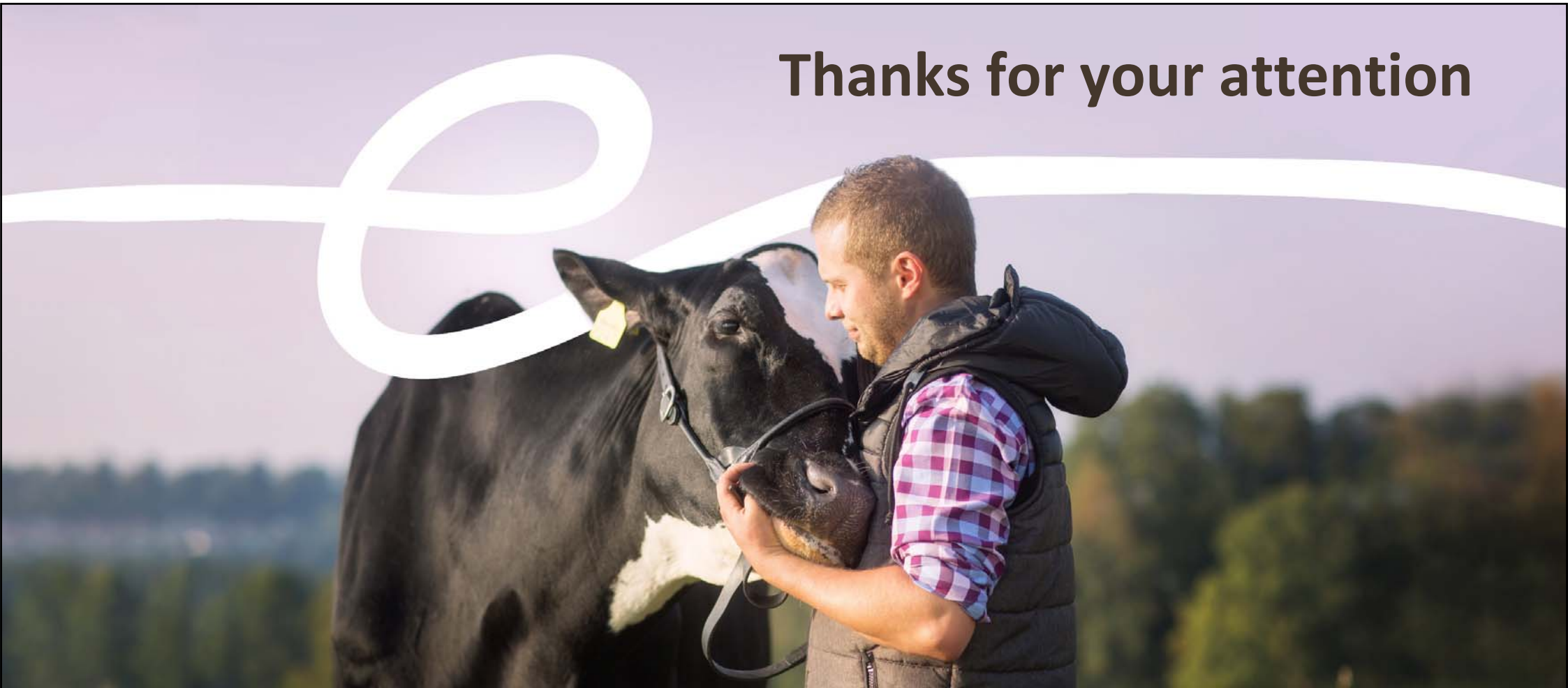
- Mobile application for the farmer connected directly to dataHUB



In conclusion

- ➔ Today, all the data are in the farms
- ➔ Valuation is at the beginning
- ➔ Management the farmer consent
- ➔ WG ICAR ADE is very important
- ➔ Data multiplexing is the next step
- ➔ Challenge to increase new data collected
- ➔ Health data is an important issue,
- ➔ New perspectives on artificial intelligence and ELearning

Thanks for your attention



ELIANCE
Des éleveurs. Une ambition.