

FARZATI spa research | develop | innovation

Beyond traceability



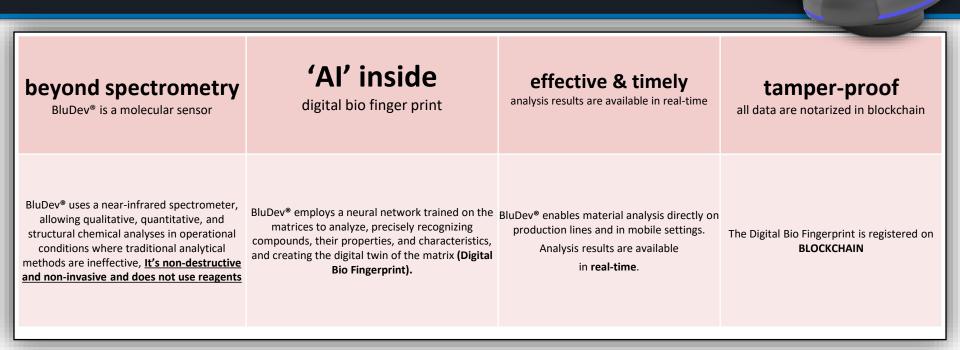
Domenico Cascone, Data Scientist domenico.cascone@farzati.it www.farzati.it ISSUES



numbers	67€ billions	40€ billions	60-100M recalled product
unu	sales generated by IMITATIONS	impact of FOOD FRAUD in terms of cost	recalls due to CONTAMINATION, PRODUCTION ERRORS, and LACK of VERTICAL TRACEABILITY
challenges			
	ensuring TRANSPARENCY in the Supply Chain	develoy FR and ITALIAN SOUNS ING	developin SUST

THE SOLUTION

Farzati has developed **BluDev®**, a proprietary technology (3 patents) that revolutionizes analysis and traceability systems.



Plulev®

TRACEABILITY | from standard to objective

before BluDev®

Standard traceability, quality assurance, and control systems rely on auditing, validation, and certification processes based on documentation and voluntary declarations.

Industry	Example Systems	
Food	HACCP, ISO 22000, BRCGS, IFS	
Pharmaceutical	GMP, GS1 Standards, ISO 22716	
Agriculture	Global G.A.P., USDA Organic Certification	
Automotive	ISO/TS 16949, AIAG Standards	
Textile and Apparel	OEKO-TEX Standard 100, GOTS	
Technology and Electronics	RoHS, ISO 9001	
Environmental	ISO 14001, EMAS	
Healthcare	UDI, ISO 13485	
Supply Chain and Logistics	GS1 Traceability Standards, ISO 28000	
Fisheries and Aquaculture	MSC, ASC	

after BluDev®

BluDev[®] evolves traceability from being primarily documentationbased to became objective and data-driven.

Standard traceability faces the problem after it occurs, BluDev[®] prevents the problem from occurring.

"We certify the content, not the label"

COMPETITIVE ADVANTAGE

BluDev[®] surpasses the limitations of traditional tools for measuring organic and inorganic compounds, including spectrometers

Efficient	It does not require constant calibration, only initial neural network training on matrix	Var Mozarella di bufala campana, Mozzarella di bufala campana, Intelligenza artificia dei Nerrarda di Bufala campana Distributer della di bufala campana, Intelligenza artificia dei Nerrarda dei Merarda di Merara
Discerning	It recognizes the compound, not just its characteristics.	Sarah Treedings Take II provide Vinat Barah Spa. ha mesoa a punto Vinat Novamont,
Accurate	It is precise and reliable.	ta tracciabilità grazie all'uso di blockchain Innovazione
Continuous	It performs continuous analysis on production lines.	Purpose Turn de la decisión de decisión de la decisión d
Compact	Its dimensions can be compressed to the size of a tennis ball.	
Versatile		

IFARZATI

Tracciabilita' della filiera alimentare: la frontiera dell'impronta biochimica digitale E la start-sp cilentana Farzati Team, in partner innza di Roma, ad aver brevettato e n Jeranzia aggiuntiva di tracciabilità e la rintr

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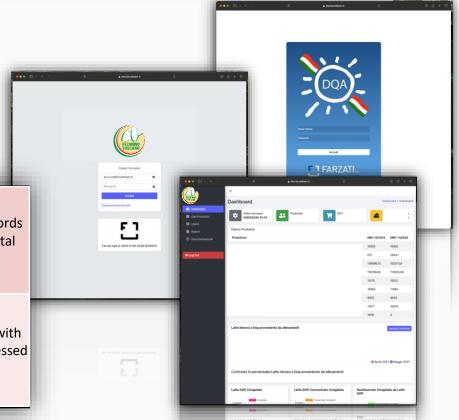
BUSINESS CASE TRACEABILITY PLATFORM

GOALS

Farzati has developed a software platform enabling complete traceability across production chains, already adopted by the consortia protecting **Pecorino Toscano DOP**, and Mozzarella di Bufala Campana DOP and by the leading national certification and inspection bodies, such as <u>D.Q.A, C.S.Q.A, QUALITALY, IZSM, IZSLT.</u>

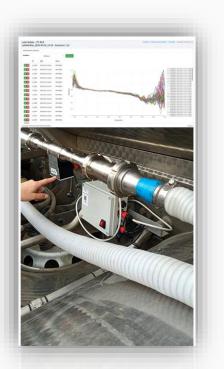
The platform is managed by Farzati on behalf of the Consortia and records every step from raw materials to finished products and creates a 'digital passport' certifying product quality, origin, and sustainability.

In the Pecorino Toscano DOP supply chain, the platform is integrated with BluDev® to trace the organoleptic characteristics of collected and processed milk, combating counterfeiting.

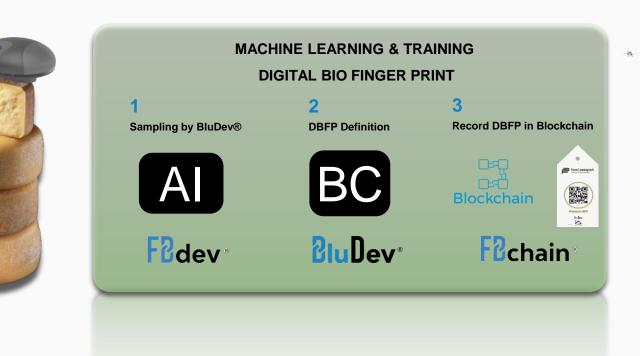




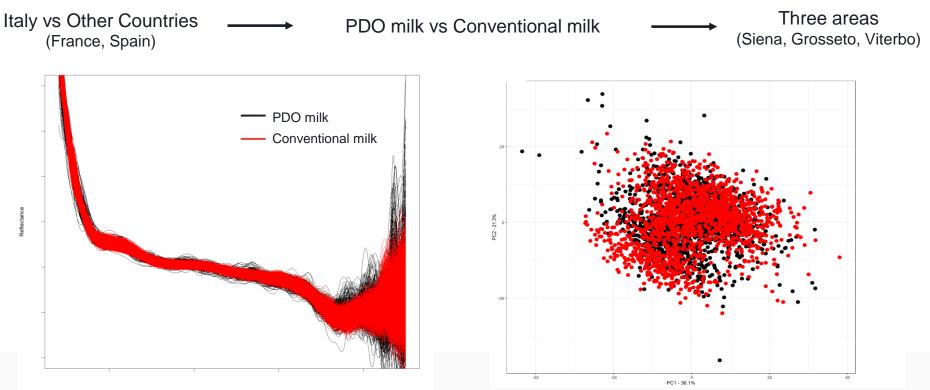




WORKFLOW



BUSINESS CASE



BUSINESS CASE



GOALS

Supply chain tracking can make the difference between virtuous farmers and counterfeiters.

SUPPLY CHAIN VIA BLUDEV® Ì. **FB**chain CERTIFED WARNING N° xxxx dd **Final Consumer** Logistic | Buyers | G.D.O. | Retail Transformation Roma, 18 Aprile 2023 | "L'innovazione digitale racconta una storia antica"

MEET THE TEAM

Founders Antonella Farzati, ceo Giorgio Ciardella, cro

Management

Andrea di Stefano, ссо & ESG Expert Attilio Mondelli, Project Manager Enrico Famiglietti, Project Engineer Aurelio Latella, сғо

Executives

Arianna Papa, Biologa molecolare Alfonso Positano, sviluppo prototipi Domenico Cascone, Data scientist Gianluca Sansone, Tecnologo medico

Operational staff

Antonio Farzati, agronomo e tecnico di Iaboratorio Nicola Aversa, sviluppatore software jr. Giuseppina Feo, amministrazione e contabilità Samuele Baratta, tecnico specializzato



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