

VINITECH INNOVATION TOUR

French expertise and innovation tailored to the wine industry's needs

Presenting 8 innovative companies: Biomedes, Biopythos, D-Innovation, EtOH, Onafis, Smartbottle, Naotec by Coup'eco Viti, and Meyrieux Cooperage



USA

Tuesday, Jan. 26th to Monday, Jan. 31st 2022



ISVV
INSTITUT DES SCIENCES
DE LA VIGNE ET DU VIN
BORDEAUX-AQUITAINE

Vinitech Innovation Tour

For its 21st Edition, Vinitech-Sifel created the "VINITECH INNOVATION TOUR" in cooperation with 3 important actors of Bordeaux and Cognac wine industry: the cluster INNOVIN, the Institute of Vine and Wine Sciences, and Interco Nouvelle-Aquitaine.

The VINITECH INNOVATION TOUR is an international action program whose goal is to bring technical and innovative solutions to your local issues by French research and innovation excellence and also to promote lasting relationships among international wine industries. Thank you for being a part of it!

We are delighted and proud to be able to share this experience in California, even if the format has changed for this edition. We are looking forward to be able to bring more companies and research scientists directly to you later on in the year and to continue sharing and collaborating for the development of the wine industry.



Vinitech Innovation Tour USA French participants





Our partners

Inno'vin is the French Wine Innovation Cluster, bringing together the players in the wine innovation ecosystem:

PRODUCERS AND TRADERS express their needs and issues; SUPPLIERS of goods and services offer innovative solutions; LABORATORIES AND RESEARCH CENTERS bring knowledge and expertise; INSTITUTIONS provide funding for projects.

Inno'vin intends to foster the competitiveness of companies, and consequently to contribute to the development of the wine industry.

**Contact: Gracie Boland
International Development Coordinator**

gracie.boland@innovin.fr

+33 (0)7 68 65 39 15



As an international trade show and a benchmark for professionals in the wine-arboriculture-vegetable production sectors, **VINITECH-SIFEL** offers a comprehensive program focused on innovation. Vinitech-Sifel is designed by professionals, for professionals. Thanks to all the efforts of a Scientific and Technical Committee composed of renowned multi-disciplinary experts, Vinitech has become the international showcase for innovations in its sector

**Contact: Delphine Demande
Director of the Professional Events Division**

d.demede@bordeaux-expo.com

+33 (0)6 78 26 69 03



As the international economic cooperation agency of the Nouvelle-Aquitaine region, **Interco Nouvelle-Aquitaine** works alongside local companies and institutions to help them develop their international projects and make contacts abroad. We also assist foreign companies and institutions to make business connections in Nouvelle-Aquitaine and welcome international delegations in our region during professional events or for a la carte programs.

**Contact: Christine Pecastaingts
Director**

christine.pecastaingts@interco-international.com

+33 (0)6 89 30 89 76



The University of Bordeaux **Institut des Sciences de la Vigne et du Vin** (Institute of Vine & Wine Sciences) is a multidisciplinary higher education, research and development center dedicated to meeting the challenges facing the wine industry of tomorrow. The Institute brings together research, training, and technology transfer teams of the numerous partners working in the wine sector on the Bordeaux site.

**Contact: Agathe Lairy
International Project Manager**

agathe.lairy@u-bordeaux.fr

+33 (0)5 57 57 59 36

ONAFIS

A connected cellar, helping you make the best decisions



Our unique and digital solution makes it possible to closely follow the fermentation and aging processes of your wine in real time, and above all to make the right decisions based on proven results. We are a company that designs, produces, and markets digital solutions to guarantee the best possible monitoring of wines to control and secure the environment of your cellar, to control your actions, and to guarantee quality - mastering topping up and fermentations.

Benefits for your winery:

- **Save time** by reducing control operations.
- **Increase the safety** of your wines by 80% by being alerted early on the start of microbiological activity.
- **Eliminate errors** caused by human measurement.
- **Reduce your** loss of wine from the harvest until bottling ("consumes") by 1% over the year



INNOVATION SPOTLIGHT

In **real-time**, our **connected solution** provides **precise measurements** and **alerts you** of stuck or **slow fermentation** and **microbiological risks**

**Contact: Alexandre Ermenault
CEO / Founder**

alexandre@onafis.com

www.onafis.com

+33 (0)6 10 98 71 10

BIOMEDE

Natural phytoextraction of copper and other metals in agricultural soils



BIOMEDE

Biomedé offers soil diagnostics and their decontamination by plants. We work daily to develop an effective solution to naturally remove pollutants from soils - including viticultural soil. Our team is made up of 10 passionate employees committed to enabling as many people as possible to apply the scientific advances of greentech to their direct environment.

Our research has allowed us to improve the quality of soils using a suitable mixture of cleansing plant seeds supplemented with inputs, depending on the type of terrain. Biomedé offers you a solution that is innovative, complete, and personalized: a mixture of plants is used to extract the heavy metals from the soil in a natural way without degrading the soil.

INNOVATION SPOTLIGHT



One-of-a-kind service: a **mapping** of the heavy metals in your soil leading to the **targeted extraction** of these metals **by a patented plant**

**Contact: Ludovic Vincent
CEO / Co-Founder**

ludovic.vincent@biomedé.fr
www.biomedé.fr
+33 (0)6 51 93 83 36

D-INNOVATION

Innovative Cellar Equipment



D-INNOVATION is a French engineering company that started in 2017, specializing in the wine sector. We design and manufacture equipment to provide simple and effective solutions to cellar problems.

Precise sampling

For sensory, chemical, or microbiological analyzes, the HECLIPSE tasting tap provides reliable samples in an extremely short time. Its innovative technology limits the areas to be cleaned while making them accessible.

Guaranteed flow even during vinification

A blocked tasting tap during vinification represents a significant and unpredictable waste of time during an intense period of work. The HECLIPSE tasting tap technology ensures that you can take your samples even in the most difficult situations. The guillotine mechanically drives out all the grape skins that block the tap.

HECLIPSE valve



INNOVATION SPOTLIGHT

The HECLIPSE provides samples **4 times more reliable** than a classic piston valve
Award winning innovation

Contact: Aurélien Guenerie
Director of Production
contact@d-innovation.fr
www.d-innovation.fr
+33 6 66 26 94 73

SMARTBOTTLE

The augmented reality app for wine and spirits



SMARTBOTTLE is a startup of the Bordeaux WineTech. We have developed an Augmented Reality application dedicated to wine and spirits' professionals.

No need to change the existing labels, the bottle is turned into a new media allowing producers to broadcast the digital content of their choice (Videos, Photos, tasting comments, medals and awards, etc). With SMARTBOTTLE, you opt for a truly original communication!

We offer 3 different formulas to optimize your communication, corresponding to what you wish to highlight:

- Promotion of a wine: "Augmented Wines"
- Highlighting a brand: "Augmented Trademarks"
- Highlighting a place: "Augmented Sites"



INNOVATION SPOTLIGHT

After the first use, the augmented reality animations can be presented **offline** and **without the actual wine bottle**

Contact: Pierre Jeanne
President / Co-Founder
pierre@smartbottle.wine
www.smartbottle.wine
+ 33 (0)6 50 23 70 80

EtOH

Digital Transformation Agency

EtOH



EtOH is a company specializing in consulting and developing tools for the digital transformation of companies in the wine, beer and spirits sector.

Our expertise is our differentiation: we are passionate about these sectors and keen on IT and data. The result? EtOH, a team capable of reinventing everything: your history, your techniques, your future. We analyze your processes and issues and find the right solution, thanks to solid digital solutions and a constant search for innovation. To support you, we have developed key skills for 360° support: marketing and communication, consulting, performance, innovation, training, application development, etc.

Our newest project is EtOH Suite. In a few clicks, you can send an invoice, manage your production, publish on your social networks, draw up a list of tasks to do, and above all, analyze and evaluate the results of each of your actions.



INNOVATION SPOTLIGHT

The **EtOH Suite application manages** your daily tasks, **analyzes**, and **evaluates** the results of each of your actions.

**Contact: Audrey Chaillet
CEO**

audrey@etoh.fr

www.etoh.fr

+33 (0)7 80 91 91 14

BIOPYTHOS

Ceramic jars and eggs (stoneware and porcelain) for winemaking and aging



Biopythos, based in Limoges, France, manufactures ceramic jars, amphorae, or eggs with capacities from 1L to 550L.

The control of the complete production chain allows Biopythos to manage the characteristics of the jars, amphorae, or eggs in terms of micro-oxygenation and can even adjust this permeability of the ceramic on request. Ceramic fired at high temperature (between 2280 and 2370°F) is a neutral material that is inert towards wine, leaving room for the terroir to be tasted.

The ceramic eggs from Biopythos are recommended to be used by wine producers to age their wine:

- With controlled oxygen supply
- Without sensory impact of barrels
- Without using a complex micro-oxygenation method



INNOVATION SPOTLIGHT

Biopythos has recently developed a **3D printing process for a ceramic jar**
1st Place at Sitevi Innovation Awards Nov 2021

Contact: Quentin Joly
Ceramic Engineer
quentin.joly@biopythos.fr
www.biopythos.fr
+33 (0)6 37 79 95 47

NAOTEC by COUP'ECO VITI

NAOTEC is a French manufacturer who designs and builds vineyard equipment.



A team and an expertise focused on NAture&TEChnology, and you! "

Founded in 2013 and already a major player on the French and international market, NAOTEC by CoupEcoViti offers a full range of vineyard equipment: Trimmers, pre-pruners, box and mechanical pruners, shredders, vine and leaf removals, and more.

Since its creation, NAOTEC has always prioritized quality, reliability, and safety. NAOTEC reliability also means long-lasting machines to meet customer needs by harnessing our in-house human, engineering, and technological resources. From design to delivery, each stage is scrupulously monitored to provide an optimum satisfaction. The safety and comfort of use of our machines are paramount to respond to the complexity of tasks and the constantly changing needs of our customers.



INNOVATION SPOTLIGHT

Our machines



Contact: Alexandre Negre
Export Sales Manager

anegre@naotec.com

www.naotec.com

+33 (0)6 33 97 17 87

MEYRIEUX COOPERAGE

A dynamic family firm focusing on craftsmanship, perpetuating unique Burgundian expertise in making elegant barrels



The Raw Material

Traceability procedures are set into motion as soon as the stave wood arrives at the cooperage. The origin of the oak is known at every stage of production in order to have maximum control over our raw material.

The Expertise

Upon delivery, the staves are 100% controlled. They are then manually stacked in chimney shape so as to allow for optimum drying. Despite the undeniable advantages of this traditional method, it is rarely used because of the time and space it requires.

Tonnellerie Meyrieux is one of few remaining cooperages perpetuating this mode of aging staves. They currently produce some 6,000 barrels (ranging from 225L to 500L) a year and aim to become one of the leading coopers in Burgundy.

INNOVATION SPOTLIGHT



Tonnellerie Meyrieux has **developed unique toasts** adapted to different types of oak and different grape varieties.

Contact: Mathilde Depresle
US Sales Manager
mdepresle@famillesylvain.com
www.onafis.com
(707) 738-1405



Ready for more innovation?

Look out for the next Vinatech Innovation Tour USA !

www.vinatech-sifel.com/en/vinatech-innovation-tour



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@INNO'VIN
@VINITECH - SIFEL
@Interco Nouvelle-
Aquitaine
@ISVV

Gracie Boland
International Development
Coordinator Inno'vin
gracie.boland@innovin.fr

Julie Gilles
VIT US Project Manager
julie.gilles@hotmail.fr

Connecting the wine innovation ecosystem