

Nextflow Software raises 3 million euros to finance its international growth

Nantes, France, October 7, 2020 - Nextflow Software, a startup spun off from *Centrale Nantes* technical institute, just closed a first round of financing for a total amount of three million euros. This Series A round will allow Nextflow to accelerate the sales of its innovative numerical simulation software and continue its international development.

This operation includes 2 million euros equity investment from French funds *Ouest Ventures III* and *Litto Invest* managed by *GO CAPITAL*, and 1 million euros loans from French public bank *Bpifrance* and private bank *CIC Ouest*.

Accelerating the international development of Nextflow

Nextflow has already strong partnerships with French major industrial accounts such as Renault, Michelin, Dassault Aviation, Airbus, EDF. This financing round will allow Nextflow to export its software to other countries and accelerate its commercial development.

The startup initiated a first network of resellers in Asia and already met its first success in Japan and South Korea with the signature of a license agreement with LG Corp in September 2020. This new financing will help Nextflow conquer new markets in Europe, North America, and continue its expansion in Asia.

“Nextflow has developed for many years an innovative technology that now reaches industrial maturity and meets its first customers. GO CAPITAL plays its role by helping deep-tech startups in their international growth”, says Jérôme Guéret, General Manager of GO CAPITAL. “We are proud to support Nextflow’s excellent team in its new development stage.”

Broadening the application domains of fluid dynamics simulation, by making it simpler, faster and more accurate

Based on new Computational Fluid Dynamics (CFD) methods, Nextflow’s software has been co-developed for more than 10 years with Centrale Nantes, French CNRS and Italian CNR. These numerical simulation tools are revolutionary because their “meshless” nature allows them to:

- Make simulation available to new industrial applications that other software can’t address
- Save up to several weeks of engineering time on projects
- In certain cases, reduce drastically computation time (up to 10 times faster than traditional CFD methods)

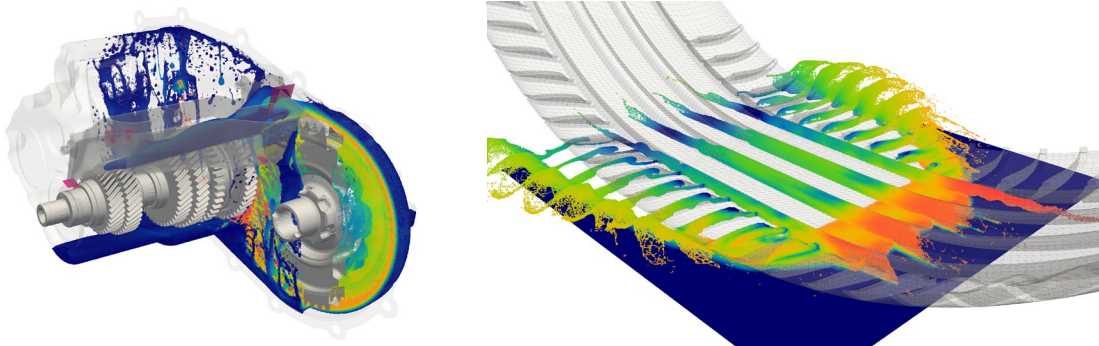
“Nextflow provides revolutionary software to the fluid dynamics simulation domain. We bring to the market innovative methods that push the limits of numerical simulation and democratize its use for most designers of industrial products, systems and equipment”, says Vincent Perrier, CEO of Nextflow Software. “We are delighted by the confidence that GO CAPITAL shows in our team and project, and we will leverage this first round of financing to reach out to all industries dealing with fluid flows.”

Today, Nextflow has about 20 employees, mostly engineers and doctors, who include some of the world-experts in meshless CFD, as shown by the international awards won by the company.

The startup was created in 2015 by Erwan Jacquin, PhD in CFD, founder of a first successful startup spun off from Centrale Nantes and named HydrOcean. Nextflow is part of Centrale Nantes incubator and has Centrale Innovation as a shareholder. The company is managed by Vincent Perrier, who’s also a serial entrepreneur.



Nextflow Software’s team.



Screenshots of a 3D simulation of gearbox lubrication and tire on a wet road.

About Nextflow Software

Nextflow Software is an Independent Software Vendor (ISV) startup headquartered in Nantes, France. Nextflow develops and sells advanced Computer-Aided Engineering (CAE) software in the field of Computational Fluid Dynamics (CFD).

Nextflow Software addresses engineering companies developing and manufacturing products and systems involving complex fluid flows in the field of automotive, aeronautics, marine, energy, manufacturing, and many other industries.

Thanks to its talented team of researchers and engineers, based on more than 10 years of close partnership with leading academic research laboratories from Ecole Centrale Nantes (ECN) and other universities, Nextflow Software is pushing the limits of hydrodynamics simulation.

www.nextflow-software.com

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About Centrale Nantes

Founded in 1919, Centrale Nantes is a French engineering school and member of the Ecoles Centrale Group. Its undergraduate, Master and PhD programmes are based on the latest scientific and technological developments and the best management practices. At Centrale Nantes, research and training are organised into three key areas for growth and innovation: manufacturing, energy transition and healthcare. With research platforms ranging from digital simulation to prototyping using full scale models and an incubator with 20 years of experience in supporting start-up projects, the school has two major tools for innovation and creation, working hand in hand with industry. Centrale Nantes promotes its teaching and research capabilities at international level through around 100 partnerships with prestigious universities and schools worldwide. Centrale Innovation is the development subsidiary of the Écoles Centrales de Lyon, Nantes and Marseille, and the Ecole Nationale d'Ingénieurs de Saint-Etienne. It is a private company that liaises between academic and industrial research players. Centrale Innovation supports start-ups that use the results of public research, helping them develop their projects and bring them to market.

www.ec-nantes.fr

About GO CAPITAL

GO CAPITAL is an independent management company managing seed capital and venture capital investment funds worth over €200 million and investing in innovative technology companies based in Western and Central France. GO CAPITAL manages 5 FPCIs (private equity funds) (GO CAPITAL Amorçage I and II, Ovest Ventures II and III and Loire Valley Invest). Since its foundation, GO CAPITAL has invested in more than 120 companies, mainly in the fields of IT, Healthcare and Energy Transition. GO CAPITAL has 17 employees based in the Greater North-West of France and in the South PACA region. Ovest Ventures III fund, launched in 2015, amounts to 34M€. Its subscribers include entrepreneurs from Western France, Bpifrance, Brittany and Pays de la Loire regions and banking partners (BNP Paribas, BPGO, CIC Ovest, CM Arkea).

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