École polytechnique launches a new joint program with ENSAE Paris, and in co-operation with Telecom Paris:
The Master of Science and Technology "Data and Economics for Public Policy"

At a time of heightened concern about economic development, labour, poverty, social equity, education, health and environment, École polytechnique, ENSAE Paris and Telecom Paris are joining forces to offer a unique public policy training drawing on their combined strengths in economics, econometrics and data science, as well as their unmatched experience in training elite engineers and civil servants for over two centuries. The program will welcome its first students in September 2023 and will entirely be taught in English.

Six years after launching the *MSc&T Programs*, École polytechnique graduated more than 400 students from all around the world. These international industry-oriented master's degrees – fully taught in English - equip students with the practical skills and initial work experience necessary to hit the ground running in industry with courses that offers in-depth scientific knowledge relevant to the student career interests.

This new *MSc&T "Data and Economics for Public Policy"* is designed to allow graduates to harness the power of data science and economic analysis for the framing, formulation and implementation of contemporary public policies. It is unique by its combination of strong technical skills and sound skills in economics as well as quantitative sociology.

Backed-up with Institut Polytechnique de Paris (IP Paris) interdisciplinary research centers, first and foremost the Center for Research in Economics and Statistics, the ambition of this MSc&T is to build on the historically close relations with leading institutions involved in public policy making and evaluation, to offer students the highly demanded skills needed to bring the best of academic knowledge to public decision making.

For Pierre Boyer, Professor at École polytechnique, and Franck Malherbet, Professor at ENSAE Paris, who will be this new Program's Directors: "*The evaluation of public policies is all about assessing the effectiveness of policies to inform decision-making. In an increasingly complex world, with interdependencies and limited resources, the evaluation of public policies is much more involved: It requires a deep understanding of sophisticated yet operational quantitative methods in economics and data science. This interdisciplinary knowledge is at the heart of our engineer school ecosystem.*"

ABOUT ÉCOLE POLYTECHNIQUE / École polytechnique, also known as L'X, is the leading French institution combining top-level research, academics, and innovation at the cutting-edge of science and technology. Its various undergraduate and graduate-level programs – Bachelor of Science, Ingénieur Polytechnicien (Master's level program), Master's, and PhD – are highly selective and promote a culture of excellence with a strong emphasis on science, anchored in humanist traditions. As a widely internationalized university, École polytechnique offers a variety of international programs and attracts a growing number of foreign students and researchers from around the globe (currently 41% of students and 40% of faculty members). École polytechnique offers an exceptional education to prepare bright men and women to excel in top-level key positions and lead complex and innovative projects which meet the challenges of 21st century society, all while maintaining a keen sense of their civil and social responsibilities. With its 23 laboratories, 22 of which are joint research units with the French National Center for Scientific Research (CNRS), École polytechnique Research Center explores the frontiers of interdisciplinary knowledge to provide major contributions to science, technology, and society. École polytechnique is a founding member of Institut Polytechnique de Paris.

www.polytechnique.edu

ABOUT ENSAE PARIS / Created 80 years ago, ENSAE Paris is a leading engineering school for quantitative economics and sociology, statistics and data science, finance and actuarial science. ENSAE's strength and originality lie in its historical pedagogical project combining applied mathematics, economics and quantitative social sciences, in a rigorous yet open-minded manner. ENSAE graduates are unique in their ability to model economic and social phenomena and harness the most advanced methods to make sense of data and inform the decisions of companies and public institutions.

www.ensae.fr

ABOUT TELECOM PARIS / Télécom Paris is one of the top-four French general engineering schools. With excellent teaching and innovative practices and techniques, Télécom Paris is at the heart of a unique innovation ecosystem, based on the interaction and transversality of its training, interdisciplinary research, its business incubator based in Paris, and its recent location in Palaiseau in the heart of the Institut Polytechnique de Paris campus. Its LTCI laboratory is promoted by the HCERES as a flagship unit in the field of digital sciences with a remarkable international influence, an exceptional volume of activities geared towards the socio-economic world and companies, and a strong commitment to training. A founding member of the Institut Polytechnique de Paris, an IMT (Institut Mines-Télécom) school, Télécom Paris is positioning itself as one of the leaders in digital innovation on the Saclay plateau.

www.telecom-paris.fr