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The EU robotics market

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According to the European Commission, the global robotics market should increase up to €60 billion a year by 2020, because robots are becoming essential to “*do things humans can't or won't do*” (European Commission Vice President, [NeelieKroesEU](#)). In surgery, robotics can make surgery less invasive and more precise, thereby increasing a patient's survival outcome and reducing recovery time. As a result, robotics technologies can cut down the overall cost of medical interventions. In rehabilitation, robotic technologies offer the potential for more intensive therapies at reduced costs, again increasing the recovery potential. Robot can help elderly and disabled people, and can be useful to the rescue. In agriculture, Robots can improve the quality of life of workers, doing the most arduous tasks. Also the application of robotics and automation within food manufacturing makes local manufacturing more competitive, making shorter, local food supply lines economically viable for many food products. Robots can be useful to clean waste, water and air and can improve safe and efficiency in transport. The European Commission actively promotes research, job creation and innovation through better and safer robots. In this regard, [SPARC](#) – the EU's industrial policy effort to strengthen Europe's position in the global robotics market – should create over 240,000 jobs in Europe, and increase Europe's share of the global market to 42% (a boost of €4 billion per year). Robotics is going to change our life in the next future raising distinct issues of law and policy, because Robotics will combine the processing of personal data, and the ability to accomplish physical activity Therefore, the European Union will be required to address many legal issues related to Robotics, which include *inter alia* data protection, electronic communication law, IP rights, liability for damages determined by robots, and even criminal law, in order to harmonize the European regulatory framework.



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Tags European Union, Healthcare & Life Sciences, IT & Data Protection,
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