

## **Challenge statement**

The Danish Safety Technology Authority (SIK) wants to investigate how new scanning technology/image recognition or other technologies can:

- digitize and automate the capturing and storing of product information when doing product inspections
- and integrate the information with existing databases from prior inspections

## **Digital screening tool for market surveillance and product inspection**

### **Background**

SIK conducts risk based market surveillance in order to ensure that products are compliant with the relevant product safety legislation. SIK performs market surveillance by visiting companies and verifying the product safety compliance and by monitoring e-commerce. In 2018, SIK made approx. 3.500 inspections and sampled approx. 1.800 products, including toys, electrical products, fireworks etc.

### **Process and current technological setup**

When SIK conducts market surveillance and product inspections, the inspectors manually collect and enter product information, e.g. EAN-number, importer and manufacturer information and correct CE mark etc. In 2019, SIK will introduce a tablet solution for product inspections on which the inspector is able to enter product information.

The ambition of the govtech-project is to provide a tech solution that can automatically capture product information in order to minimize the manual workflows, or ultimately replace manual collection and storing processes with new technology.

It will be a great advantage if the solution can integrate the collected information with SIK's existing product inspection database (workzone) and corresponding European databases (RAPEX & ICSMS) in order to determine whether a product has been previously tested.

### **Expected impact and further business opportunity**

Companies expect digitalized and coherent product inspections from the authorities. The new technological solution will streamline SIK's workflow, simplify the inspection processes for the companies and the consumers will experience improved product safety.

The technological solution provided by this project is expected to have a business potential beyond SIK's operations. Other regulators will also benefit from the technology, and it is recommendable to expand the solution to other authorities in the EU.