

# High Potential Initiatives Profiles

## 1 Accelerator

IMPACT



## 2 Project and Organization

Intoino  
INTOINO Srl

### 2.1 Country

Italy

### 2.2 Project Abstract

INTOINO is an educational kit designed for students and children to learn coding building internet connected hardware projects with sensors and actuators. The aim is to engage students with Science, Technology, Engineering and Mathematics (STEM). With INTOINO DIY kits students and makers can learn and create connected electronics with the ease of use of LEGO and in minutes!

Every kit fits in the backpack and can be simply programmed with tablets and smartphones. The INTOINO App is based on Google Blockly Visual programming language (Scratch-like): it is an easy to use drag and drop interface to create programs visually and in minutes. Every kit includes the INTOINO WiFi minicomputer with plug and play sensors and actuators and instructions customized for beginners to learn easily how to code.

INTOINO offers in-app projects with step by step instructions for beginners and teacher quick start guide with lesson plan for a short educator's leaning curve . INTOINO targets both the educational sector and families. INTOINO makes use of FIWARE Orion enabler, IoT Agent, and Cygnus.

### 2.3 Sector

Consumer DIY/design

### 2.4 Target Market

B2C

### 2.5 Business Model

Production model



SMART CITY SOLUTION	NO
CLOUD SOLUTION	NO
SOCIAL MEDIA SOLUTION	NO
MOBILE SOLUTION	YES
BIG DATA/ANALYTICS SOLUTION	NO
IOT	YES

## 2.6 Website

<http://www.intoino.com>