Developing IT education together

start(it)

www.startit.lv

accenture RTU Junior Achievement® Latvia Rīgas Valsts 1. ģimnāzija LISA MAKIT AGILE WEB DEVELOPMENT

Start(IT) doubling number of IT students in Latvia

Context

There are about **15000** IT people for 2m population of Latvia

Finland has **100000** IT people for 5.4m population

Programming is taught in **50** schools out of 350

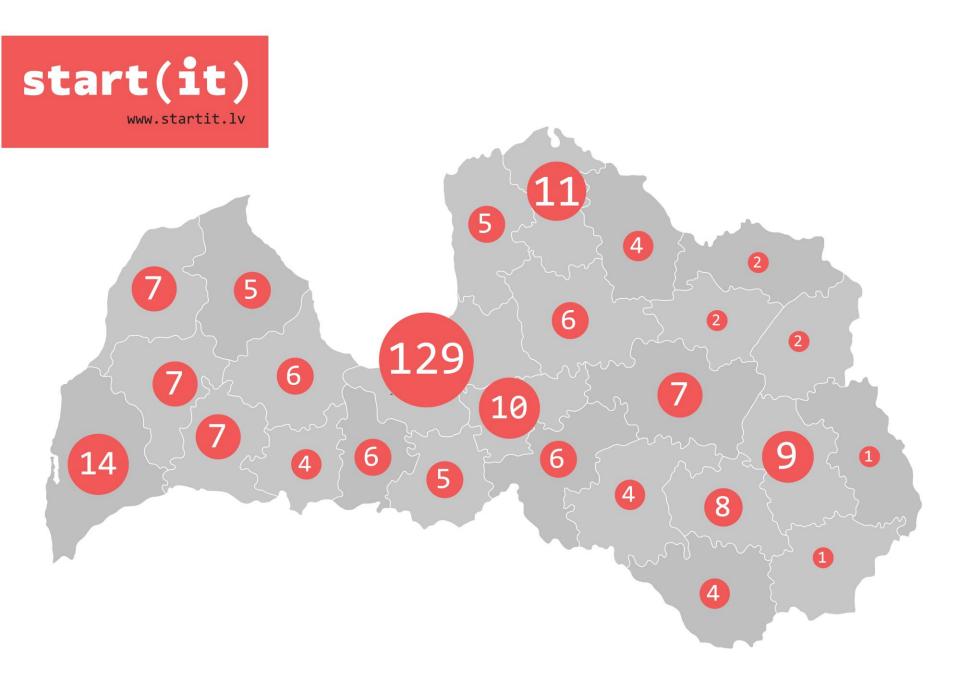Average compensation in IT is 3-4 times higher than in Latvia overall in 10 years it grow (LVL)

From 300 to 1800

Strategy

Involve teachers and kids	Ensure that **teachers are involved in content creation**, ensure strong buy in. Market and motivate to kids and their families. Ensure that **IT is high on the family agenda**
Crowdsourced public Programming courses	**Crowdsource creation of computer based training** program. Make **publically available through www.startit.lv** platform. Each unit to contain a video lecture, set of exercises, PPTs.
Teachers Education & Community	Deliver **regular Java trainings** to full national teacher community. Deliver regular video lectures to teacher. Delivery annual conference in August.
Network of programming schools	Create a **network of programming schools** as part of secondary schools. Educate teachers, brand classrooms
Wide coalition	Ensure **wide social support** and involvement under Accenture leadership.

Achievements and objectives

Total investment of €100k in the past 2 years

2013 - 2014

120 schools	2013/2014 – 120 schools participated in the project
Partners	RTU, V1G, LISA, R22.vsk.,MAKIT, VISC, ACCENTURE, EXIGEN
100 k EUR	Financial support to the programme, eco-system creation and marketing
Portal	Self-learning and teacher support portal
35 lessons	Nearly a complete programming programme consistent with LV standards
325 teachers	Instructed 325 teachers in Java programming

2014 - 2015

Robots	Prepare training in how to program robots
LIO	Strengthen and prepare programming category
Informatics	Create programming lessons for informatics
????	Other program ideas which will come fro interviews with teachers