Gregory Kotsikaris
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intelligent
We Solve **Hard Problems**

- Digital Government
- Industrial Internet
- Digital Health
And This is How We Do It

Software Engineering
Data-Driven Intelligence
Systems Architecture & Analysis
Machine Design & Control
Data Acquisition & Communication
70 +

>€10 m
Implementation of the Greek CRIS

How did we get there?

Presented by:

Gregory Kotsikaris,
Chairman of the Board, Iknowhow S.A.
data concerning research activity from institutions and researchers
CRISP
Current Research Information Systems
agile
to scrum it
Scrum Methodology
An Agile framework for completing complex projects
Scrum Roles

**Product Owner:** Responsible for what goes into the product backlog and prioritizes it.

**Scrum Master:** A team facilitator. Ensures teams have what they need to get the job done. Also, sets up meetings and monitors everything.

**Developers & Testers:** They write code and make sure it does what it’s supposed to do.
# Artifacts

| **Product Backlog**: Contains a wish list of all the User Stories of a product. |
| **Sprint Backlogs**: A list of tasks identified by the Scrum team to be completed during the Scrum sprint. |
| **Sprint**: An iteration of work during which an increment of product functionality is implemented. By the book, an iteration lasts 30 days. |
| **Daily Scrum Meeting**: A strictly 15-minutes meeting that helps set the context for the coming day's work. |
| **Burndown Chart**: The progress of the team is monitored using a Burndown Chart. |
| **Product Increment**: The sum of all the Product Backlog items completed during a Sprint and the value of the increments of all previous Sprints. |
Setup system model & architecture, develop, deploy

Educating iknowhow teams, CRIS, CERIF, …
Already developed by EKT and incorporated in CRIS kernel

• **CERIF Model.** All CERIF entities as POJOs. 100% compliant to the latest CERIF version. Java based (Hibernate, JPA, Spring).

• **CERIF Services.** JPA data repositories for all entities. Common persistence and selection services
Most Sensitive & Time Consuming Parts

- **Web forms**: Complicated structure, Full functionality & Validations Controls
- **Import XML**: Detailed control scenarios, Control all CERIF entities
- **Configurations /Parameterization**: For all properties
- **Tests & Fine tuning**
Ανάπτυξη πλατφόρμας λογισμικού για Πληροφοριακά Συστήματα Ερευνητικών Δραστηριοτήτων (CRIS)
Έργα Πληροφορικής Μεγάλης Εμβέλειας

ΚΟΡΥΦΑΙΟ ΒΡΑΒΕΙΟ

ΕΚΤ - Iknowhow
Implementation of the Greek CRIS and how can this redefine the way Industry perceives Universities & Research Institutes

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Ideas without execution are a hobby…
Executing ideas without profit is a good start …

Steve Job’s Garage
2066 Crist Drive,
Los Altos, California
Ideas + Execution + Profit = Innovation

Source: http://allthingsd.com/20110725/last-years-iphone-still-selling-well/
• Reconsider this affair...!
Innovation definition...

Entrepreneurs:

“Innovation is anything that makes money [...] made in every level and in every department”

Research Institutes & Universities:

“Innovation is the quantic step [...] performed only by universities, research centers and large firms”

Policy Makers:

“Innovation is dream and risk, deriving from an excess of knowledge during research process”
Transforming a research result into a commercial product is HARD...

....Well it was actually more like this...
That’s how we see universities now…
CRIS is like a chocolate box to the Industry & Investors

That’s how we should see them…
SMEs need universities
Universities need SME’s

The question is…
Do we both know **WHAT** we need and **WHAT** we offer?

Let’s **introduce each other again**…through CRIS
How can we change perceptions?