

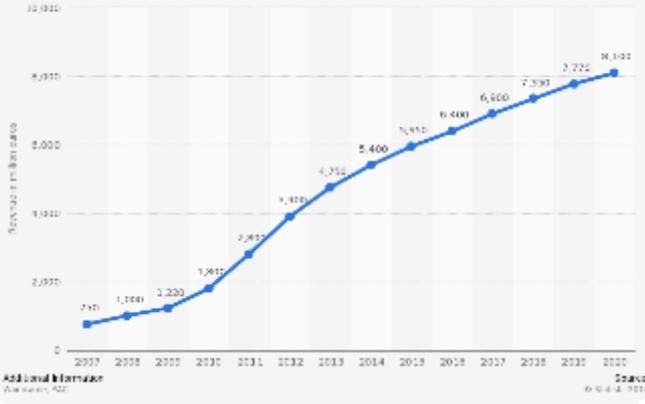
# CTI @ ENISA: Now and Then



# Everything becomes connected



Projected global revenue of the "Internet of Things" from 2007 to 2020  
(in million euros)



## Manufacturers have an economic interest

- Data collection and processing
- New business models: data reseller, targeted ads, etc.
- Competitors do IoT, hence we must do IoT
- Competitors don't do IoT, let's be the first one!

## Customers have their own interests (do they?)

- Connectivity is needed, mobility is important
- Statistics and remote control
- Convergence and interconnection with devices and services
- More functionalities than non-IoT product, reasonable price
- Non-connected version is not available



**Connected products are the new normal**

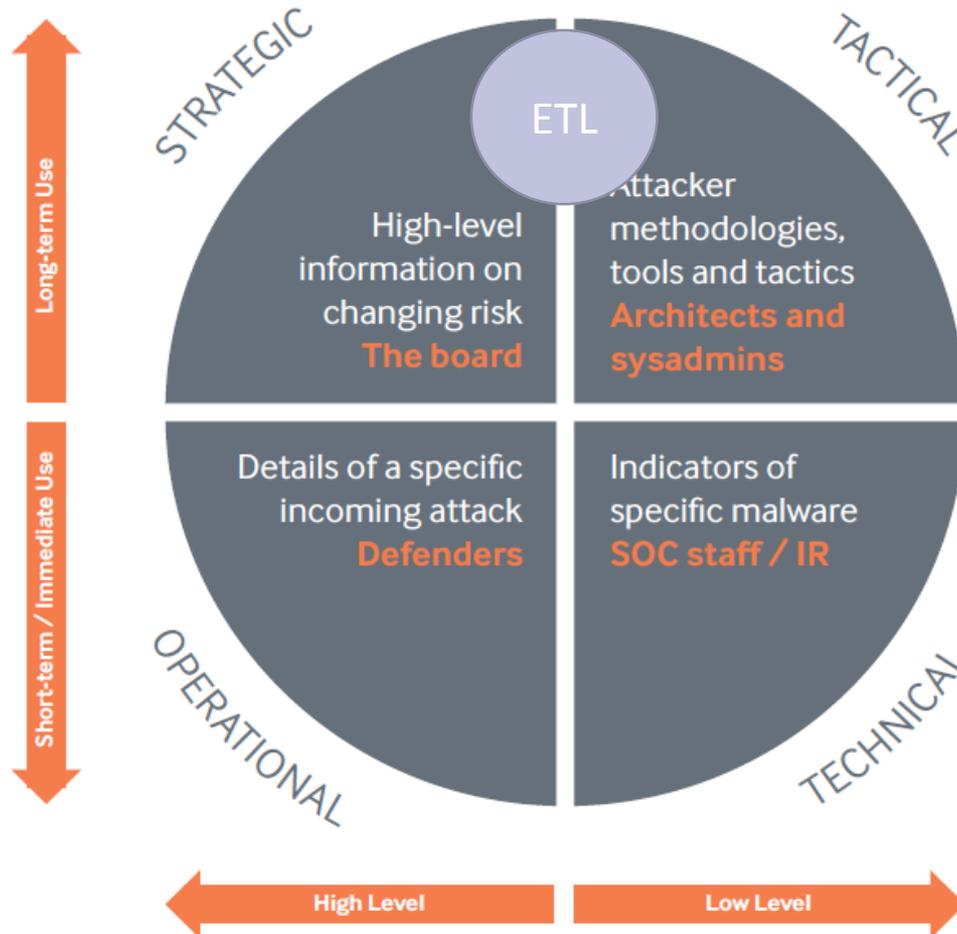


# Some facts regarding threats

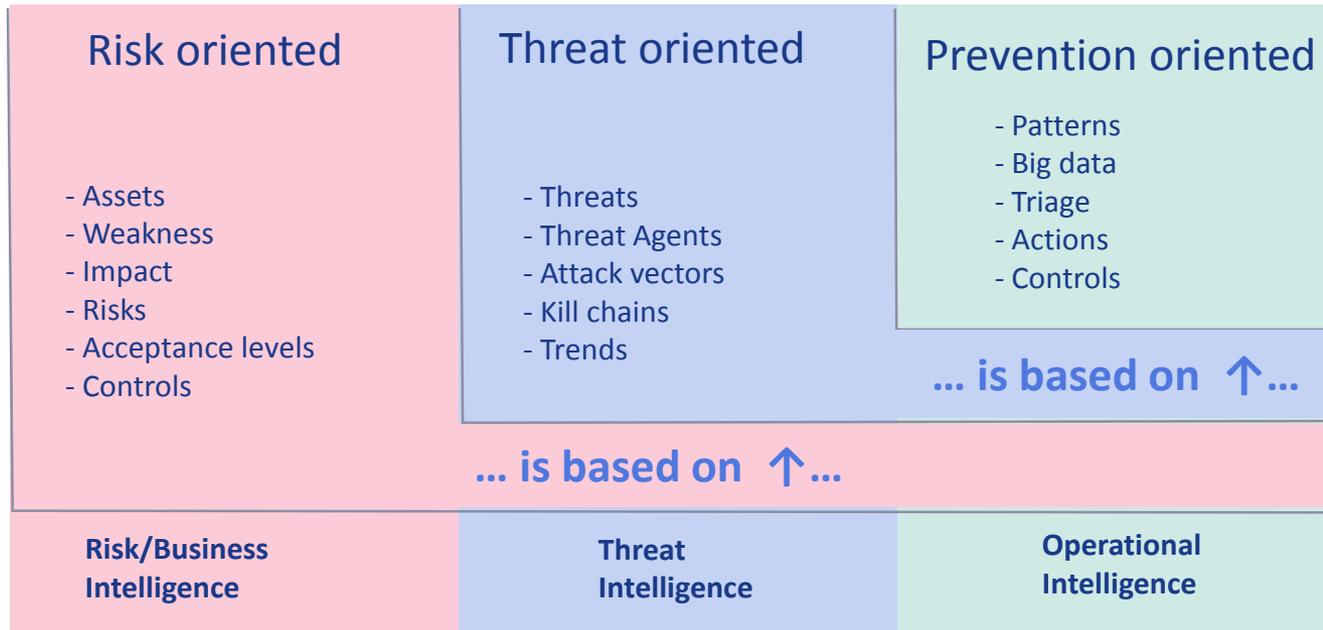


- Registered incidents show that:
  - Cyber Crime is ca. 75% of incidents
  - Cyber Espionage ca. 20%
  - Rest ca. 5% (including cyber war)
- ENISA work aims at information delivery (stakeholder view)
  - Awareness
  - Decision making
  - Protection
- Some other views do exist:
  - Prevention (sectors, CIP)
  - Law enforcement
  - Defence
  - Service provision

# Threat Landscape/Intell Overview

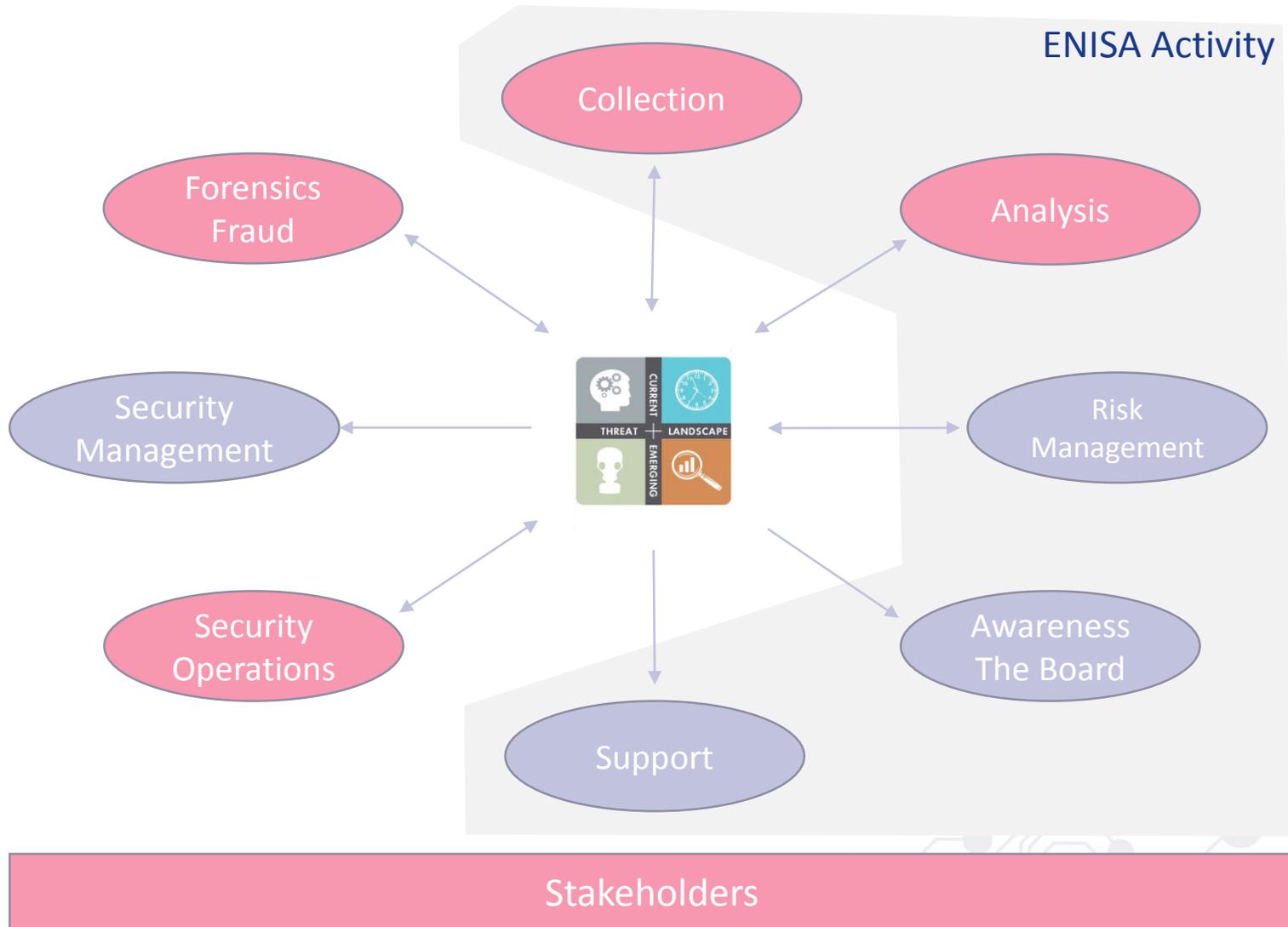


# Positioning Threat Intelligence



We need to **increase** reaction speed at all levels!

# Cyber Threat Intelligence is here to stay...



# Additional landscapes complete the picture



Source: <http://veriscommunity.net/veris-overview.html>

# What do others do in EU system...

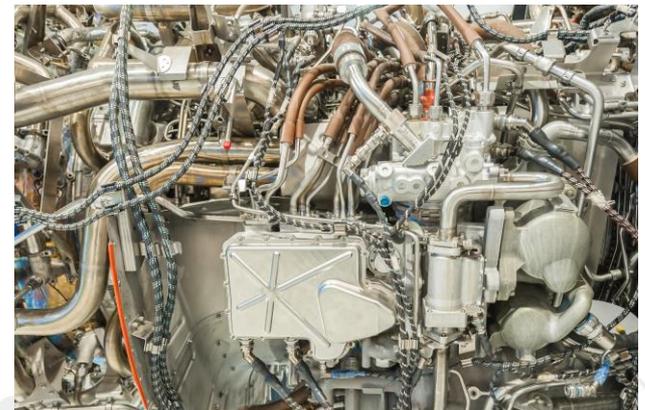


# The challenge “Simplify Complexity”



## Master and reduce complexity

- Understand fully the intrinsic details/dependencies of your content
- Make content creation process repeatable
- Bring all available content in a structure and format that corresponds to above
- Find ways to visualize your content accordingly (stakeholder view)

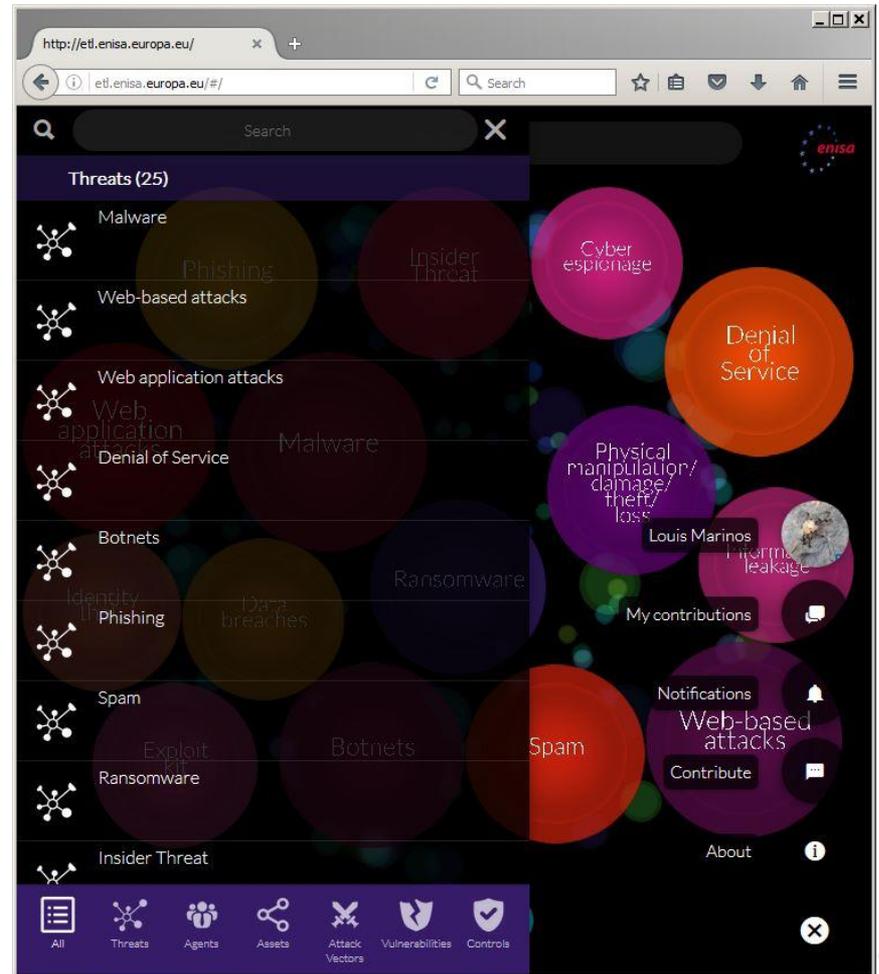


# Address stakeholder needs in ETL

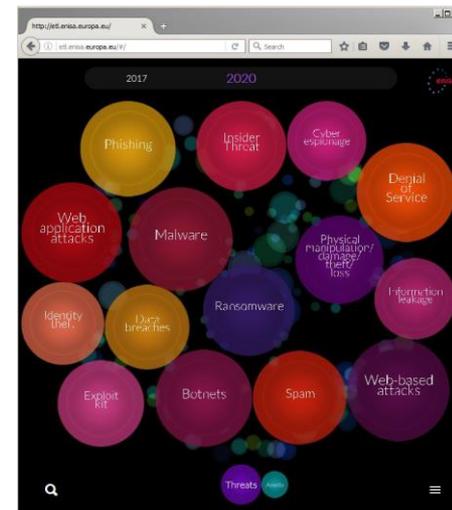


## Needs currently envisaged

- Find ETL online with complete references and threat information
- Access all characteristics of threats, assets, threat agents, etc.
- Access mitigation controls for threat/asset exposure
- Find good practices for asset exposure in different sectors
- Provide contributions to the content
- ....



# Animation of content for ETL



.. THE MAIN GOAL: GO DEBATE ON CTI



COMMUNITY



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