

The Austrian Agency for Health and Food Safety  
(AGES)

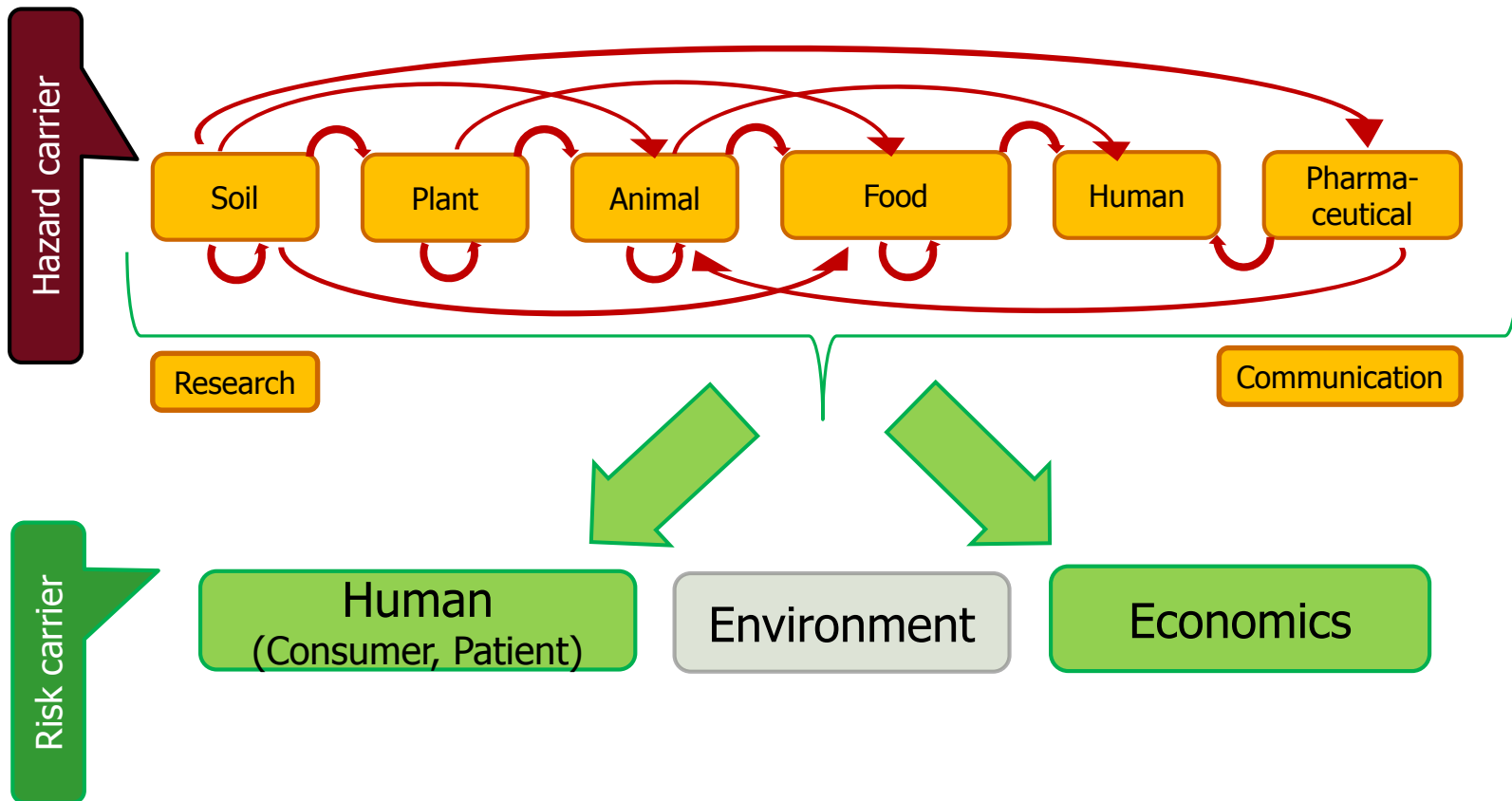
# Risk Assessment, Research and Risk communication due to limited resources

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**Ministero della Salute, Rome 2018-12-10**

# AGES RISK MAP

## From hazard to risk



# AGES ANALYSES

The centre of our activities



**3**

Top security laboratories (3+)



**85**

Reference labs & centres



**1,350**

Accredited methods



**2,900**

Samples per day

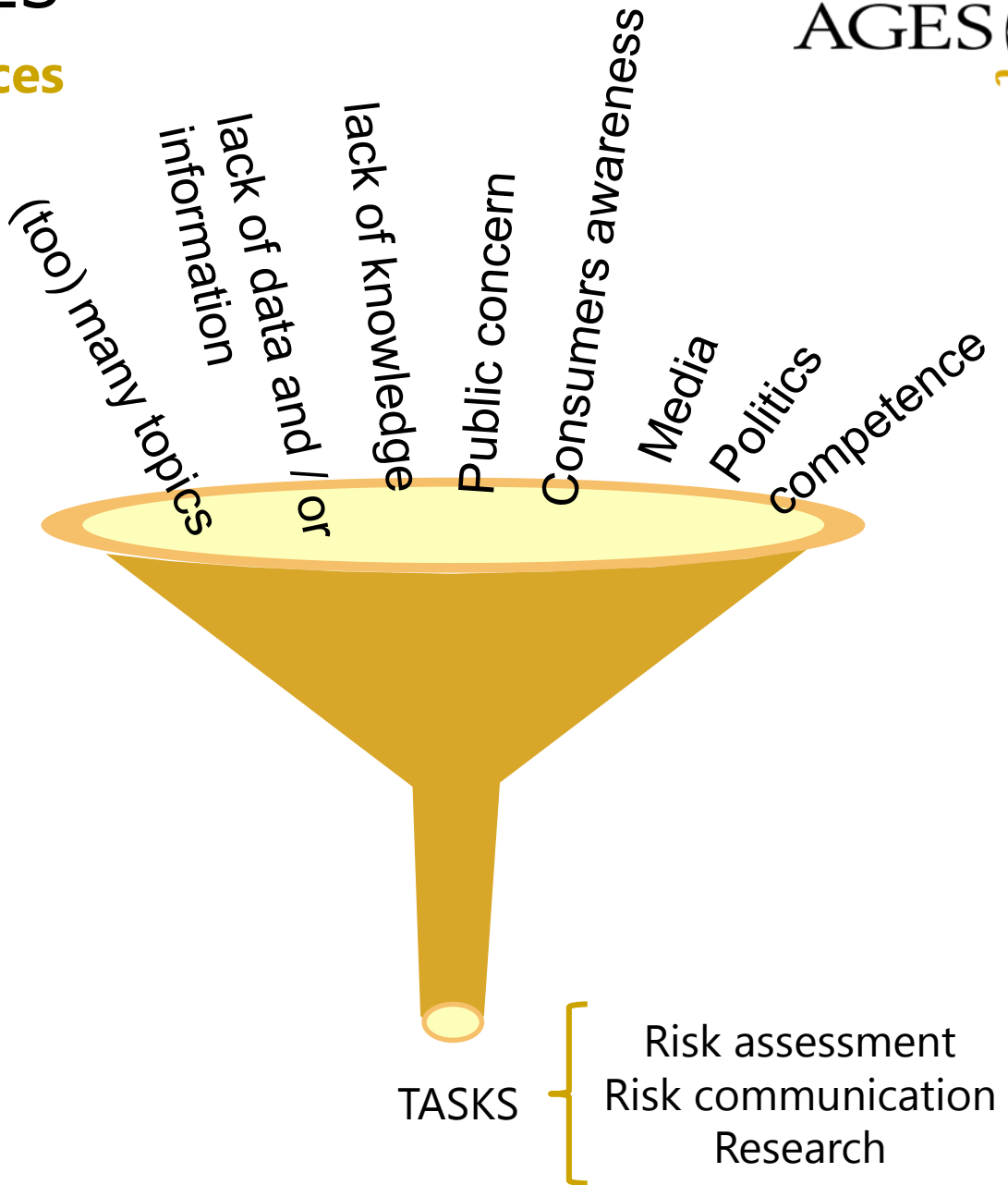


**30,000**

Analysis results per day

# THE CHALLENGES

Data – topics - resources



# THE AUSTRIAN SOLUTION

## RIPS – Risk Identification and Prioritisation System



ADNS - RASFF/RAPEX - EREN  
EFSA - MEDIA - Other Agencies  
EU-COM - MINISTRIES - ....



Issues →



# RIPS

## Input Screen for AGES Experts



Vorgang erstellen Felder konfigurieren ▾

Projekt\*

Vorgangstyp\*

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Allgemein\* Daten fachlich Daten COM Daten WIF Daten SMB

Zusammenfassung

Gefahrentrager    
Risikomatrix Gefahrentrager 2-stufiger Katalog: Gefahr

Gefahren\*    
Risikomatrix Gefahren 2-stufiger Katalog: Gefahr Ebene

Quelle/Institution   


- Keine
- AGES
- Animal Disease Notification System (ADNS)
- EFSA
- EREN

Alert\*  Ja  Nein  
Mogliche groe Medienwirksamkeit, erhalt besondere Beachtung.

Beschreibung\*   
Stil ▾ **B** *I* U A ▾ ^p ▾ e ▾ ≡ ≡ ☺ ▾ + ▾ ⬆

### Vorgang erstellen

Felder konfigurieren

Projekt\*  Risk Identification and Priorisa...

Vorgangstyp\*  Risiko

Allgemein\* Daten fachlich Daten COM Daten WIF Daten SMB

Zusammenfassung\*

Gefahrenträger\* Keine Keine

Risikomatrix Gefahrenträger 2-stufiger Katalog: Gefahrenträger - Matrix

Gefahren\*  Keine 

Risikomatrix Gefahrenträger 2-stufiger Katalog: Gefahrenträger - Matrix

Quelle/Institution

- Keine
- AGES
- Anima
- EFSA
- EREN
- Allergens
- Chemical hazards
- Climate
- GMO
- Labelling
- Nanotechnology
- Neobiota
- Nutrients
- Pathogens
- Physical hazards

- Additives (food, feed)
- Contaminants (heavy metals, mycotoxins, dioxins,..)
- Endocrine disruptors
- Migrating substances
- Residues (pesticides, fertilizers, drugs, hormones,...)

Alert\*  Ja  Nein

Mögliche große Medienwirksamkeit, erhält besondere Beachtung.

Beschreibung\*

# RIPS

## Input Screen for AGES Experts



### Vorgang erstellen

Felder konfigurieren ▾

Projekt\*  Risk Identification and Priorisa... ▾

Vorgangstyp\*  Risiko ▾ ?

Allgemein\* Daten fachlich Daten COM Daten WIF Daten SMB

Zusammenfassung\*

Gefahrenträger\* Keine ▾ Keine ▾

Risikomatrix Gefahrenträger 2-stufiger Katalog: Gefahrenträger - Matrix

Gefahren\* Keine ▾ Keine ▾

Risikomatrix Gefahren 2-stufiger Katalog: Gefahr Ebene 1 - Gefahr Ebene 2


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Beschreibung\*

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# RIPS

## Input Screen for AGES Experts



Untersuchungsdatei vorhanden? Keine

Wissen vorhanden? Keine

F&E Projekt vorhanden?

- Keine
- laufend
- abgeschlossen
- abgelehnt
- Keine Projekte vorhanden

Vorhandenes F&E Projekt

Produkt vorhanden?

Keine

Ja

Nein

vorhandenes Produkt

Autor Fuchs Klemens

Beginnen Sie mit der Eingabe, um eine Liste möglicher Übereinstimmungen zu erhalten.

Bearbeiter Automatisch

Mir zuweisen

Weiteren erstellen

# RIPS



## Input Screen for Risk Assessors

(Health, economic) Risk

1 – 3 or not possible to assess at the moment

Type of Assessment

urgent

revision

full

Explanatory Statement

Comments

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# Explanatory statement



## Questions to answer

- How big is the potential adverse (health, economic) effect?
- How big is the possibility of exposure?
- Is it possible to control the hazard? Are there any corrective actions in place to prevent/reduce the spread/frequency of occurrence of the hazard?
- Description of AGES data
- Description of available knowledge
- Other information
- References

# Rating – potential adverse effects

## Chemical hazards (example)



Potential adverse effect	qualitative	score
Low chronic toxicity, TDI/ADI available, no acute toxicity	negligible	1
Chronic toxicity known, TDI/ADI derivable and available, not genotoxic, no acute toxicity	medium	2
Chronic toxicity: genotoxic & carcinogenic, high acute toxicity	high	3

# RIPS

## Input Screen for Communication Experts



Communication Risk

1 – 3

Communication Needs

Yes / No

Information Material

- None
- Homepage
- Print

Comments

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# RIPS

## Input Screen for Scientific Coordinator



R&D Needs

1 – 3

Knowledge transfer Needs

1-3

Comments

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# RIPS

## Home Screen



### RIPS – overview

Key	Issue	Matrix	Hazard Class	Alert	Data available	Health Risk	Type of assessment	Commun. Risk	R + D needs	Status	Action
RIPS-58	POPS, Dioxins, PCBS in Food	Food	Chem. contam.	No	YES	3	full assessment	3	3	REGISTERED	action
RIPS-6	Ciguatera - Ciguatoxine in Fish	Food – animal origin	Pathogen - Protozoen	No	No	2	rapid assessment	1	1	REGISTERED	no
RIPS-246	African Swine fever	Animal	Virus	No	Yes	3	rapid assessment	3	1	REGISTERED	routine
RIPS123	Campylobacter in chicken	Food Feed	Pathogen - Zoonoses	No	YES	3	full assessment	2	2	REGISTERED	routine

### Status of prioritisation

**NEW**

**ONGOING**

**REGISTERED**

# Summary

## Risk Identification and Prioritisation System



- RIPS is a software tool for the identification and prioritization of issues along the food chain
- it helps to cope with the many demands on risk assessment, risk communication and research
- RIPS provides an prioritized work plan for the experts
- RIPS was implemented in 2018

➔ **WE ARE STILL LEARNING**





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