

# A Risk Management Framework for the DNS

July 2013



# A risk management framework is

not a risk or threat assessment








but what you put the assessment into

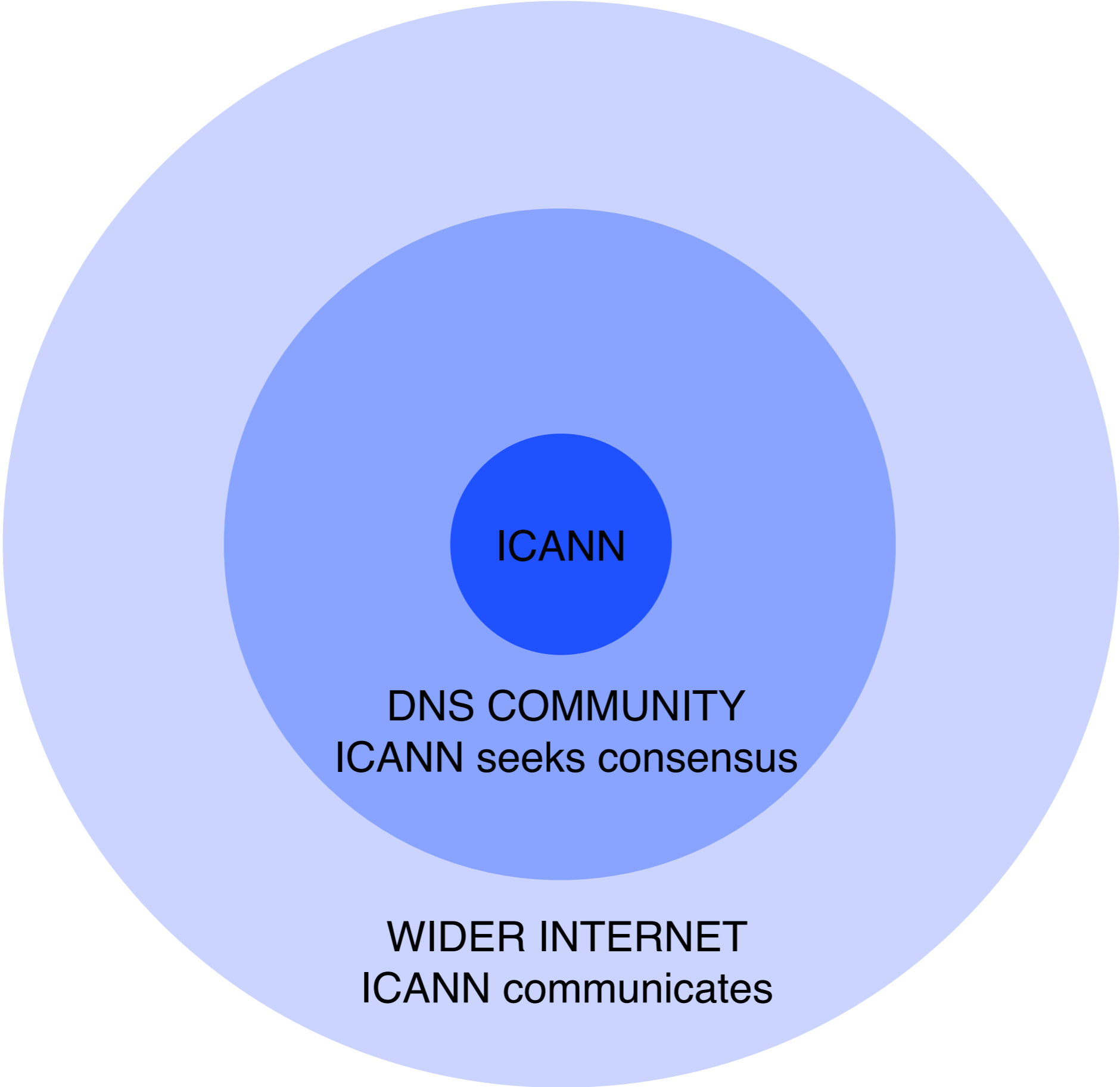
that helps you manage risks

and prioritise actions and investments

to mitigate the risks

# How we built it

Go to ICANN45 Toronto to gather information	
Develop principles to cover DNS Risk Management	
Analyse candidate frameworks against principles	
Tailor to fit multi-stakeholder environment	
Present outline at ICANN46 Beijing for feedback	
Produce detailed framework with processes and responsibilities	
Deliver at ICANN47 Durban	

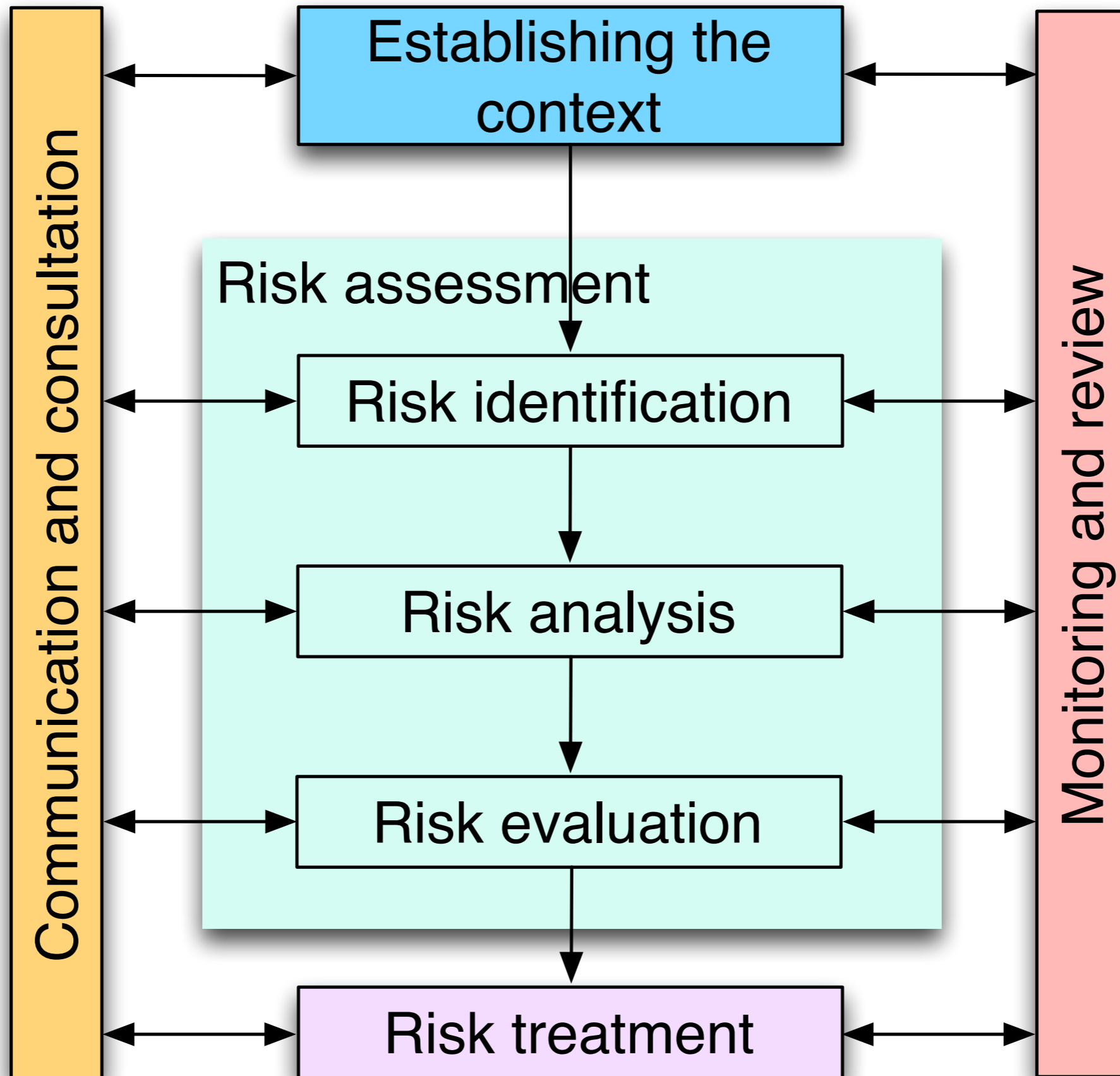


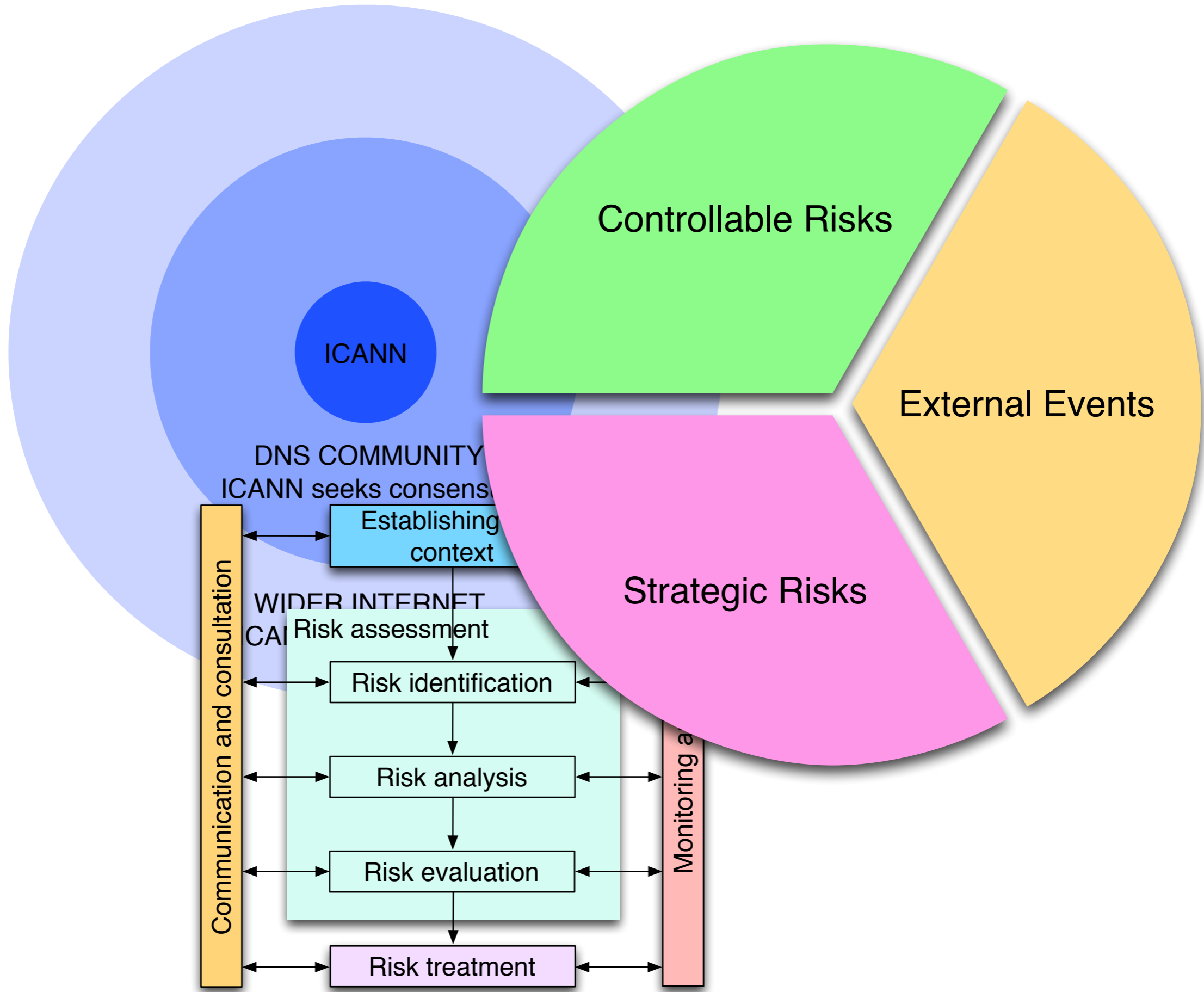


**Controllable Risks**

**External Events**

**Strategic Risks**





# What are we protecting?

## Internal View

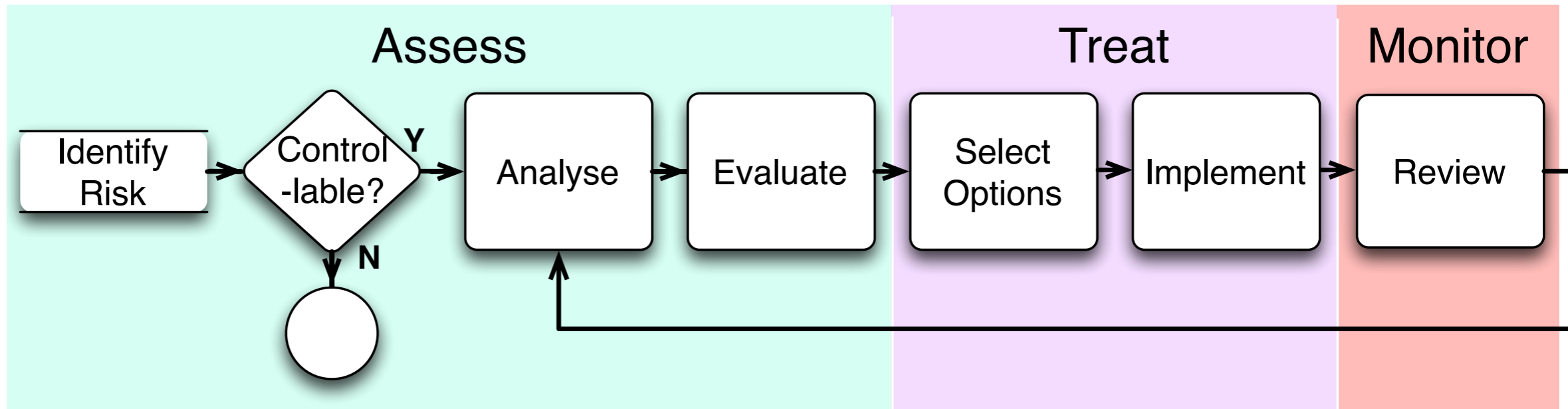
- Security
- Stability
- Resilience

## External View

- Availability
- Consistency
- Integrity



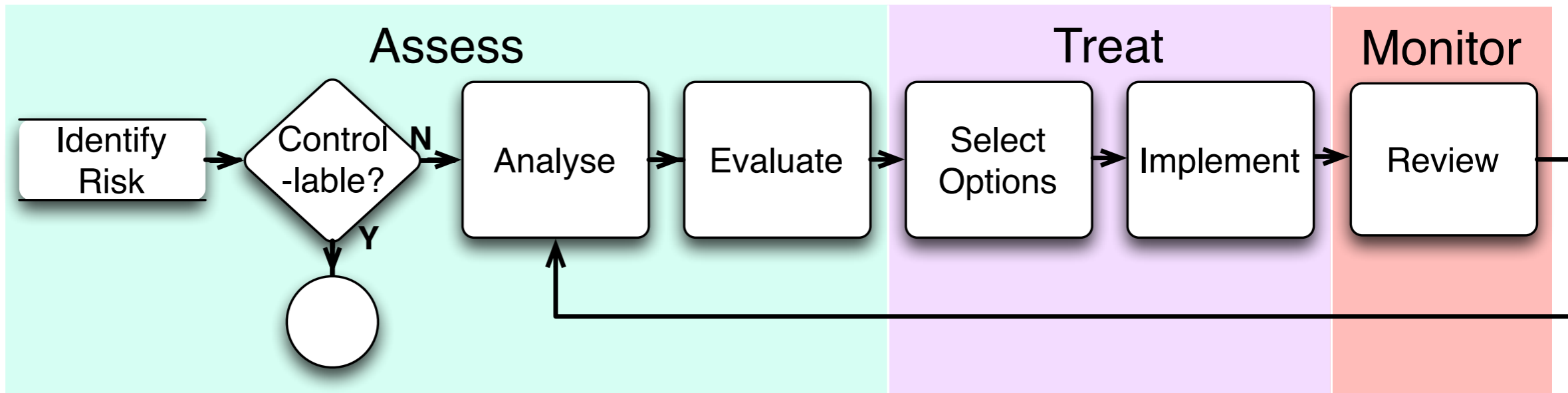
# Process for Controllable Risks



ICANN board	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	As required	<b>O</b>
ICANN staff	<b>L</b>	<b>I</b>	<b>L</b>	<b>L</b>	<b>L</b>		<b>I</b>
Experts' panel	<b>P</b>		<b>P</b>	<b>P</b>	<b>P</b>		<b>P</b>
SSAC / RSSAC	<b>C</b>		<b>C</b>	<b>C</b>	<b>C</b>		
DNS Community	<b>C</b>		<b>C</b>	<b>C</b>	<b>C</b>		
Wider Internet	<b>C</b>			<b>C</b>	<b>C</b>		

Legend: **O** Oversee **L** Lead **P** Participate **C** Consult **I** Implement

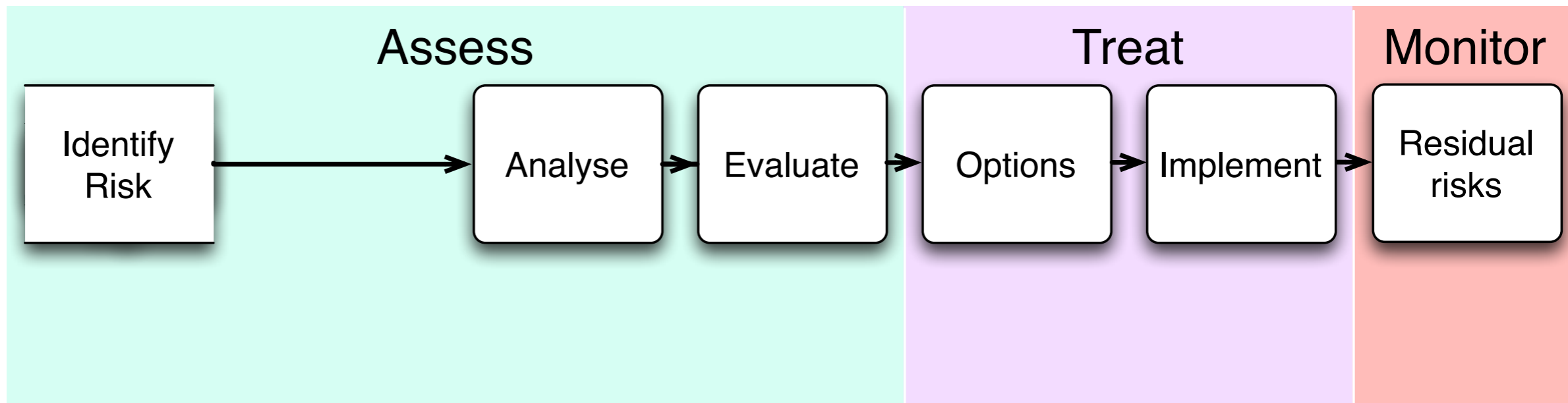
# Process for External Events



ICANN board	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>	<b>As required</b>	<b>O</b>
ICANN staff	<b>L</b>	<b>I</b>	<b>L</b>	<b>L</b>	<b>L</b>		<b>I</b>
Experts' panel	<b>P</b>		<b>P</b>	<b>P</b>	<b>P</b>		<b>P</b>
SSAC / RSSAC	<b>C</b>		<b>C</b>	<b>C</b>	<b>C</b>		
DNS Community	<b>C</b>		<b>C</b>	<b>C</b>	<b>C</b>		
Wider Internet	<b>C</b>			<b>C</b>	<b>C</b>		

Legend: **O**versee **L**ead **P**articipate **C**onsult **I**mplement

# Process for Strategic Risks



ICANN board	<b>O</b>		<b>O</b>	<b>O</b>	<b>L</b>	<b>As required</b>	<b>O</b>
ICANN staff	<b>L</b>		<b>L</b>	<b>L</b>	<b>P</b>		<b>I</b>
Experts' panel	<b>P</b>		<b>P</b>	<b>P</b>	<b>P</b>		<b>P</b>
SSAC / RSSAC	<b>C</b>		<b>C</b>	<b>C</b>	<b>C</b>		
DNS Community	<b>C</b>		<b>C</b>	<b>C</b>	<b>C</b>		
Wider Internet	<b>C</b>			<b>C</b>	<b>C</b>		

Legend: **O**versee **L**ead **P**articipate **C**onsult **I**mplement

## Board Risk Committee

- Oversees
- Recommends to Board


## ICANN Staff

- Executes
- Administers
- Reports
- Communicates
- Manages register
- Monitors residual risks

## DNS Risk Experts' Panel

- Consulted
- Identifies
- Analyses
- Investigates
- Can go direct to BRC

# Next steps

Present DNS RMF at Durban	
Finalise DNS RMF	
Assess staff capability to execute	
Train staff in use of DNS RMF	
Create Experts' Panel	
Test cycle of RMF with staff	
Experts' Panel meets at Buenos Aires	



# WHO WE ARE



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# Thank you

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