## Disruptive Communication **Measurement, evaluation and** insights in the Age of Change

**amec** Global Summit on Measurement





PROFESSOR OF PUBLIC COMMUNICATION

UNIVERSITY OF TECHNOLOGY SYDNEY

Visiting Professor, The London School of Economics & Political Science







#### EXCLUSIVE RELEASE OF GLOBAL RESEARCH

Latest Trends and Best Practice in Measurement and Evaluation Globally

JIM MACNAMARA PhD, FAMEC, FAMI, CPM, FPRIA





# Evaluating Public Communication

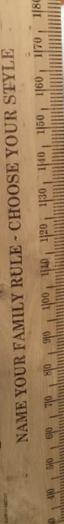
exploring new models, standards, and best practice

Jim Macnamara



# HOOSE In a Contraction

AME YOUR



Global Summit on Measurement amec





## This workshop

- The most widely agreed fundamentals of evaluation worldwide
- The latest models and approaches which industries and sectors do it best
- Getting beyond models to applied evaluation
- 10 informal and 30 formal research methods you need to think about
- Getting to the next level showing VALUE







## Basis of the following recommendations

Involved in evaluation since 1992 – IPRA Gold Paper on Evaluation in 1994

- Founder and CEO of **CARMA International** (Asia Pacific) (1995–2006)
- **MA** by research (1993); **PhD** (2004)
- Chair, Academic Advisory Group to AMEC (2015–)
- Advisor on development of the UK GCS Evaluation Framework in 2015–16
- Member of the UK GCS Evaluation Council in 2016
- Member of the IPR Task Force on Standards for Evaluation since 2015
- Designed evaluation framework for the NSW Government 2015–17
- Commissioned by Routledge to write *Evaluation Public Communication*

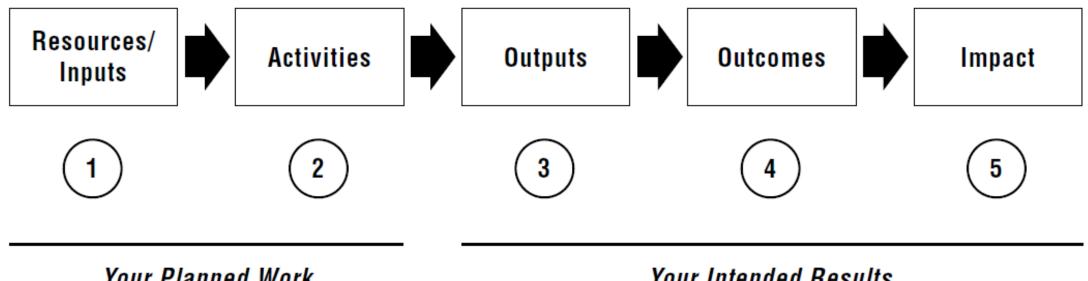
ame

## Why look at other fields, and where?

- Evaluation was not invented in PR or communication
- Evaluation has been extensively practiced and developed in:
  - International development
  - Education
  - Project management
  - Performance management
- Widely used models and frameworks date back to the early 1970s
- These are often ignored in PR and communication
  - 'Reinventing the wheel'
  - Misapplying or bastardising evaluation theory and best practice

## Program theory and program logic models

Basic program model evolved since the 1970s (Kellogg Foundation, 2004, p. 1)



Your Planned Work

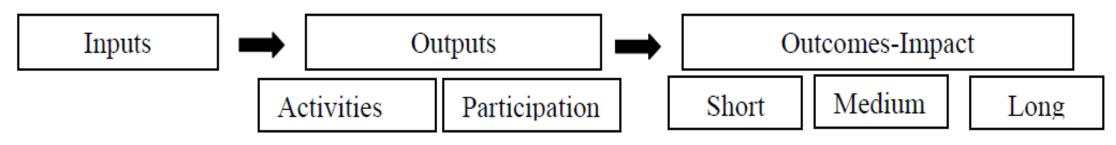
Your Intended Results



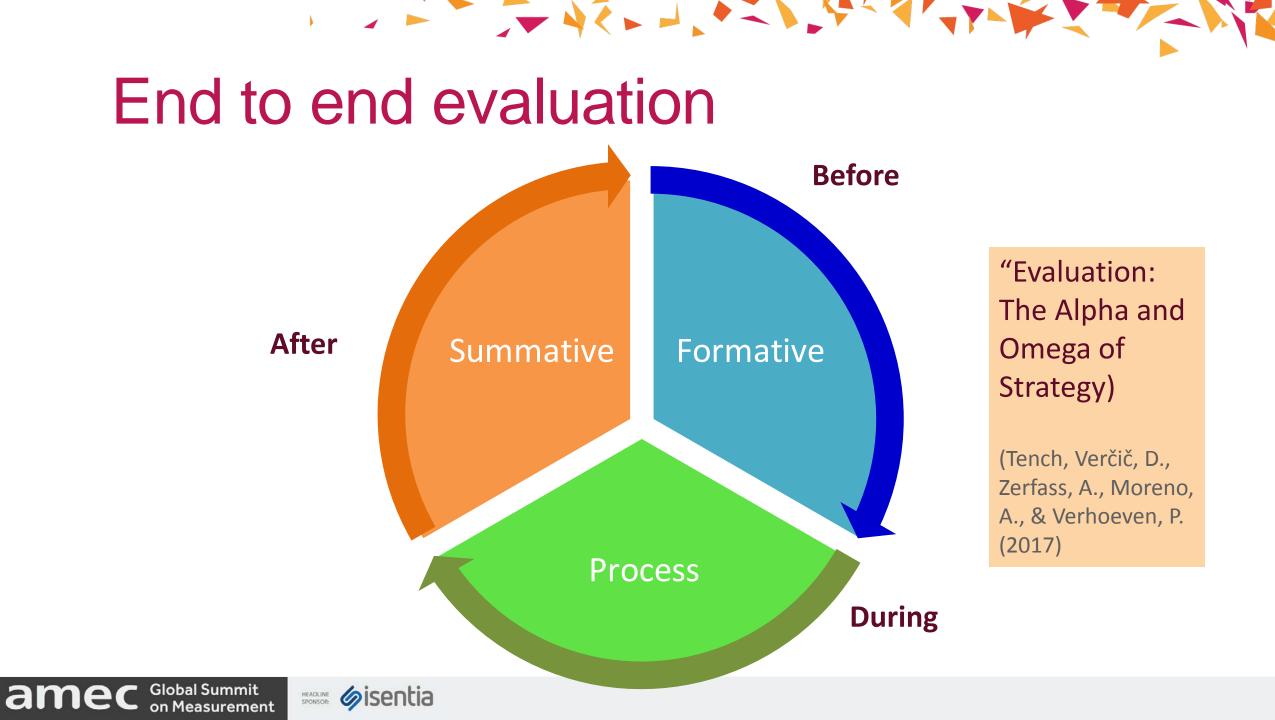
## Program theory and program logic models

• Program logic model developed by the University of Wisconsin University Cooperative Extension Program (UWEX) (Taylor-Power & Henert, 2008, p. 5)

#### Program Logic Model Framework







## Which sectors/industries do it best?

- Advertising NOT
  - Focus on reach; recall, impressions
- Digital marketing/communication YES, TO A POINT
  - Mainly focussed on auto-generated metrics *clickthroughs*, *views*, *likes*, *follows*, *shares*

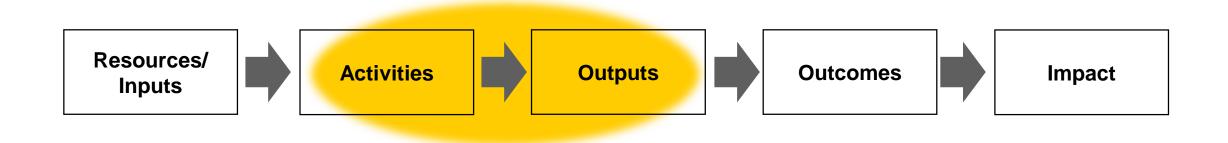
• International development (Aid programs; UNICEF, WHO, etc.)

#### Health communication

- Theory based
- Extensive use of quantitative and qualitative research
- Major focus on formative research
- **PR** definitely not
  - Predominantly focussed on *outputs* e.g., volume and tone of media publicity, AVEs

am

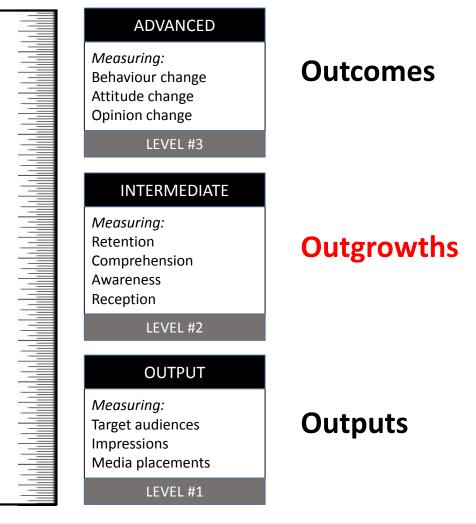
## Where does PR evaluation sit?





## Lindenmann's PR Effectivenes Yardstick

PUBLIC RLEATIONS EFFECTIVENESS YARDSTICK



amec Global Summit on Measurement

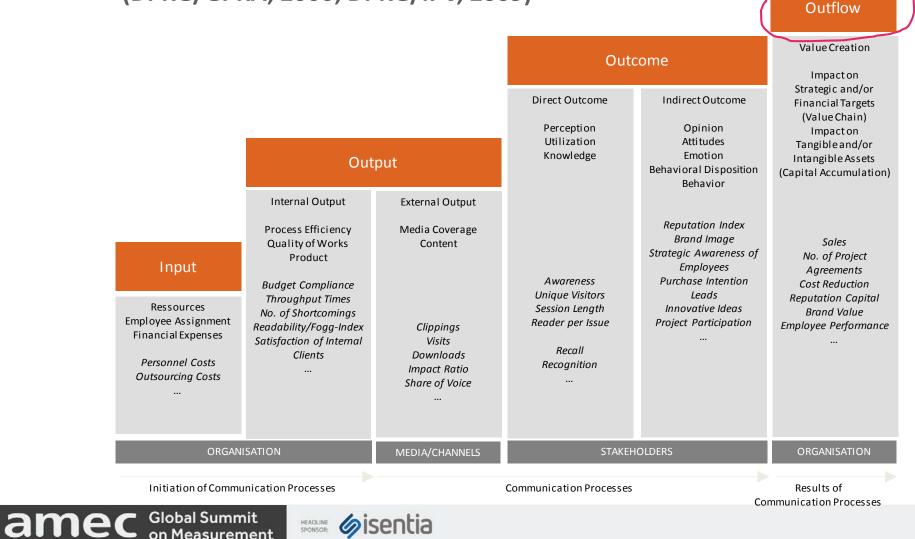


## **Communication controlling**

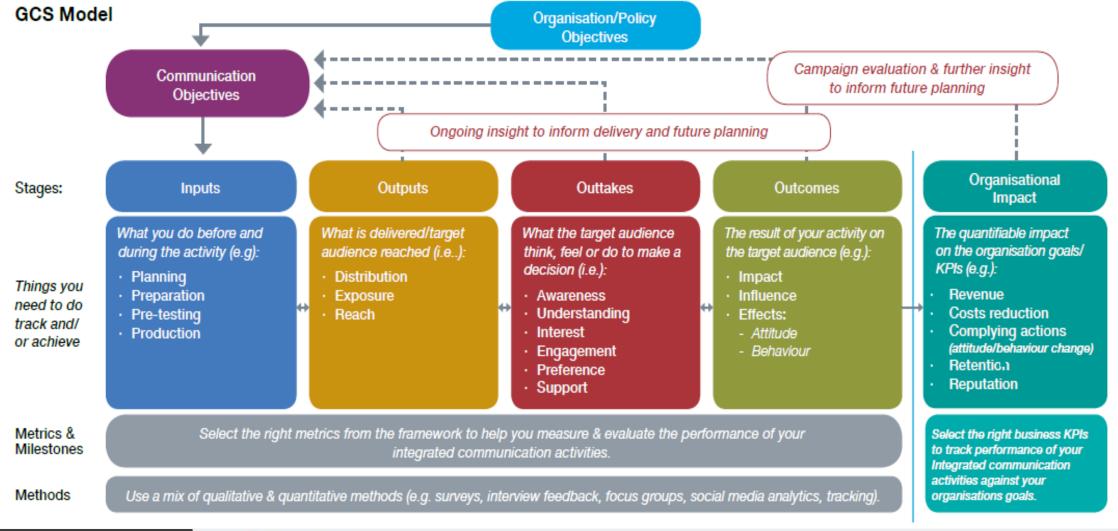
(DPRG/GPRA, 2000; DPRG/IPV, 2009)

on Measurement

SPONSOR:



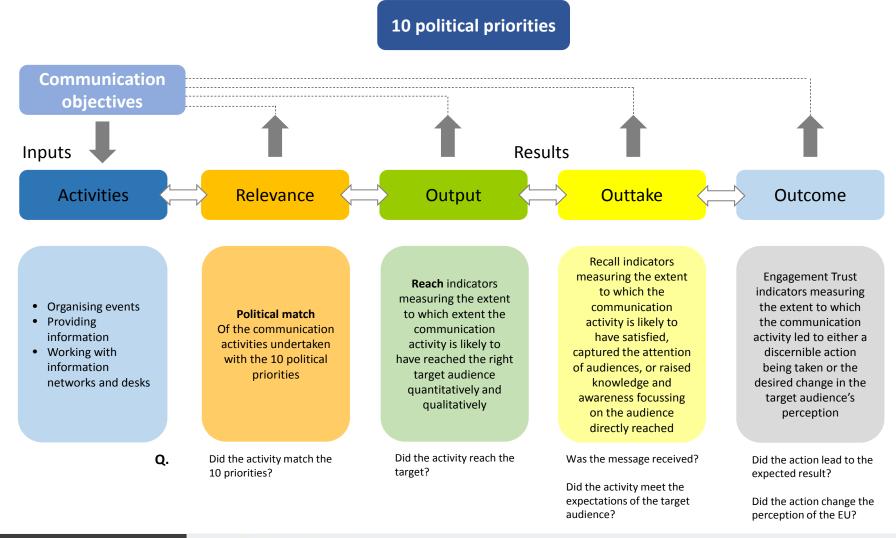
## UK Government model (GCS, 2016



amec Global Summit on Measurement



## **European Commission evaluation model**



amec Global Summit on Measurement





"I couldn't understand why PR needed to stand apart from the dominant approach to performance alignment and management adopted by the majority of functions one might find in a typical organization"

Philip Sheldrake

The Measurement Standard, December 8, 2015, para. 6



ame





by amec

FRAMEWORK





SUBMIT Activity Objectives Inputs 2 3 1 START HERE Out-takes Outputs Outcomes 〔5〕 6) 4 Impact Click on submit button to view your content in the AMEC Valid Metrics framework. (7) **SUBMIT** 

### amec

😫 🛃 🔤 🚺 📢 🦣 🖓

STAGES MACRO- LEVEL	INPUTS <sup>2</sup>	ACTIVITIES	OUTPUTS	OUT-TAKES <sup>3</sup>	<b>OUTCOMES</b> <sup>4</sup>	IMPACTS <sup>5</sup>
Short definition	What you need in preparation for communication	Things you do to plan and produce your communication	What you put out that is received by target audiences	What audiences do with and take out of your communication	Effects that your communication has on audiences	The results that are caused, in full or in part, by your communication
KEY STEPS MESO-LEVEL	<ul> <li>Objectives</li> <li>Budget</li> <li>Resources (e.g., staff, agencies, facilities, partnerships)</li> </ul>	<ul> <li>Formative research</li> <li>Planning<sup>7</sup></li> <li>Production (e.g., design, writing, media buying, media buying, media relations, media partnerships, etc.)</li> </ul>	<ul> <li>Distribution</li> <li>Exposure</li> <li>Reception<sup>8</sup></li> </ul>	<ul> <li>Attention</li> <li>Awareness</li> <li>Understanding</li> <li>Interest / liking</li> <li>Engagement</li> <li>Participation</li> <li>Consideration</li> </ul>	<ul> <li>Learning / knowledge<sup>9</sup></li> <li>Attitude change</li> <li>Satisfaction</li> <li>Trust</li> <li>Preference</li> <li>Intention</li> <li>Advocacy</li> </ul>	<ul> <li>Reputation</li> <li>Relationships</li> <li>Compliance / complying actions</li> <li>Organisation change</li> <li>Public/social change</li> </ul>
EXAMPLE METRICS & MILESTONES MICRO-LEVEL	• SMART objectives • Targets / KPIs	<ul> <li>Baselines / benchmarks</li> <li>(e.g., current awareness)</li> <li>Audience needs, preferences, etc.</li> <li>Strategic plan</li> <li>Evaluation plan</li> <li>Pre-test data (e.g., creative concepts)</li> <li>Content produced (e.g., media releases, Websites)</li> <li>Media relations</li> </ul>	<ul> <li>Publicity volume</li> <li>Media reach</li> <li>Impressions/OTS</li> <li>Share of voice</li> <li>Tone/sentiment/ favourability</li> <li>Messages placed</li> <li>Posts, tweets, etc.</li> <li>Advertising TARPs</li> <li>E-marketing volume</li> <li>CPM</li> <li>Clickthroughs</li> <li>Event attendance</li> </ul>	<ul> <li>Unique visitors</li> <li>Views</li> <li>Response (e.g., follows, likes, tags, shares, retweets)</li> <li>Return visits/views</li> <li>Recall (unaided, aided)</li> <li>Positive comments</li> <li>Positive response in surveys, etc.</li> <li>Subscribers (e.g., RSS, newsletters)</li> <li>Inquiries</li> </ul>	<ul> <li>Message acceptance</li> <li>Trust levels</li> <li>Statements of support or</li> <li>intent</li> <li>Leads</li> <li>Registrations (e.g., organ donor list)</li> <li>Brand preference</li> <li>Trialling</li> <li>Joining</li> <li>Reaffirming (e.g., staff satisfaction)</li> </ul>	<ul> <li>Public/s support</li> <li>Meet targets (e.g., blood donations; cancer screening membership, etc.)</li> <li>Sales increase</li> <li>Donations increase</li> <li>Cost savings</li> <li>Staff retention</li> <li>Customer retention/ loyalty</li> <li>Quality of life / wellbeing increase</li> </ul>

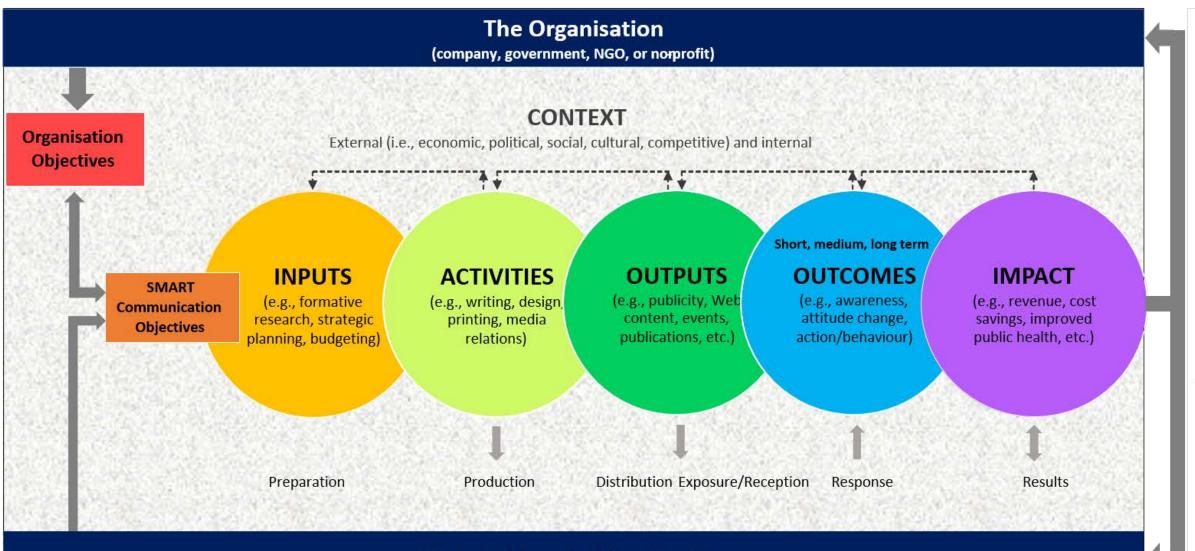


EXAMPLE METRICS & MILESTONES MICRO-LEVEL	• SMART objectives • Targets / KPIs	<ul> <li>Baselines / benchmarks</li> <li>(e.g., current awareness)</li> <li>Audience needs, preferences, etc.</li> <li>Strategic plan</li> <li>Evaluation plan</li> <li>Pre-test data (e.g., creative concepts)</li> <li>Content produced (e.g., media releases, Websites)</li> <li>Media relations</li> </ul>	<ul> <li>Publicity volume</li> <li>Media reach</li> <li>Impressions/OTS</li> <li>Share of voice</li> <li>Tone/sentiment/ favourability</li> <li>Messages placed</li> <li>Posts, tweets, etc.</li> <li>Advertising TARPs</li> <li>E-marketing volume</li> <li>CPM</li> <li>Clickthroughs</li> <li>Event attendance</li> </ul>	<ul> <li>Unique visitors</li> <li>Views</li> <li>Response (e.g., follows, likes, tags, shares, retweets)</li> <li>Return visits/views</li> <li>Recall (unaided, aided)</li> <li>Positive comments</li> <li>Positive response in surveys, etc.</li> <li>Subscribers (e.g., RSS, newsletters)</li> <li>Inquiries</li> </ul>	<ul> <li>Message acceptance</li> <li>Trust levels</li> <li>Statements of support</li> <li>or</li> <li>intent</li> <li>Leads</li> <li>Registrations (e.g., organ</li> <li>donor list)</li> <li>Brand preference</li> <li>Trialling</li> <li>Joining</li> <li>Reaffirming (e.g., staff satisfaction)</li> </ul>	<ul> <li>Public/s support</li> <li>Meet targets (e.g., blood donations; cancer screening membership, etc.)</li> <li>Sales increase</li> <li>Donations increase</li> <li>Cost savings</li> <li>Staff retention</li> <li>Customer retention/ loyalty</li> <li>Quality of life / wellbeing increase</li> </ul>
METHODS OF EVALUATION	<ul> <li>Internal analysis</li> <li>Environmental scanning</li> <li>Feasibility analysis</li> <li>Risk analysis</li> </ul>	<ul> <li>Metadata analysis (e.g., past research and metrics)</li> <li>Market/audience research (e.g., surveys, focus groups, interviews)</li> <li>Stakeholder consultation</li> <li>Case studies (e.g., best practice)</li> <li>SWOT analysis (or PEST, PESTLE, etc.)</li> <li>Pre-testing panels</li> <li>Peer review / expert review</li> </ul>	<ul> <li>Media metrics (e.g., audience statistics, impressions, CPM)</li> <li>Media monitoring</li> <li>Media content analysis (quant)</li> <li>Media content analysis (qual)</li> <li>Social media analysis (quant and qual)</li> <li>Activity reports (e.g., events, sponsorships)</li> </ul>	<ul> <li>Web statistics (e.g., views, downloads)</li> <li>Social media analysis (qual – e.g., comments)</li> <li>Feedback (e.g., comments, letters)</li> <li>Ethnography<sup>10</sup> (observation)</li> <li>Netnography<sup>11</sup> (online ethnography)</li> <li>Audience surveys (e.g., re awareness, understanding, interest, opinion)</li> <li>Focus group (as above)</li> <li>Interviews (as above)</li> </ul>	<ul> <li>Social media analysis (qual)</li> <li>Database statistics (e.g., inquiry tracking identifying sources)</li> <li>Ethnography (observation)</li> <li>Netnography (online ethnography)</li> <li>Opinion polls</li> <li>Stakeholder surveys (e.g., re satisfaction, trust)</li> <li>Focus groups (as above)</li> <li>Interviews (as above)</li> <li>Net Promoter Score (NPS)<sup>12</sup></li> </ul>	<ul> <li>Database records (e.g., blood donations, health outcomes, membership, etc.)</li> <li>Sales tracking</li> <li>Donation tracking</li> <li>CRM data</li> <li>Staff survey data</li> <li>Reputation studies</li> <li>Cost Benefit Analysis/ Benefit Cost Ratio</li> <li>ROI (if there are financial objectives)</li> <li>Econometrics<sup>13</sup></li> <li>Quality of life scales &amp; wellbeing measures</li> </ul>

#### Basic and Classic Program Logic Models | PR and communication evaluation models (early 1980s to early 2000s)

F		-	_		_		_			_			_		
Basic program logic model – UWEX (Taylor-Power & Hemert, 2008)	Expanded program logic model – UWEX (Taylor- Power & <u>Henert</u> , 2008)	Classic Program Logic Model (e.g., Kellogg Foundation (1998/2004)	Cutlip, Center & Broom (1985) 'PII model'	Macnamara, S Macro model' (1992)	Lindenmann, S Effectiveness Yardstick (1993, 1997a)	IPRA Gold Paper on Evaluation (1994, pp. 10, 18– 19)	Fairchild (1997); Fairchild & O' Connor, IPR Toolkit ( 1999, 2001)	Lindenmann Standards and Guidelines, 1997b, 1997c)	Noble & Watson's 'Unified Model' (1999)	Grunig & Hon Crelatinships' model	DPRG/ GPRA (2000), DPRG/ICV (2009) models	Likely Performance Measurement Framework (2000)	Macnamara' Pryamid' model (2000, 2002a, 2002b)	Lindenmann, s é guidelines' (2002/2003)	
Input	Inputs	Inputs		Inputs		Inputs	Inputs (hinted)		Input		Input		Inputs		9
		Activities	Planning												2
Output	Outputs <ul> <li>Activities</li> <li>Participation</li> </ul>	Outputs	Implement- ation.	Outputs	Outputs (basic)	Outputs	Output	Outputs	Output	Outputs	Output	Outputs	Outputs	PR Outputs	14
							Outtake					Outtakes	Outtakes	PR Outtakes	4
					Outgrowths (inter- mediate)										1
Outcomes	Outcomes • Short-term	Outcomes			Outcomes (advanced)	Outcomes	Outcome	Outcomes		Outcomes	Outcome	Outcomes	Outcomes	PR Outcomes	12
	<ul> <li>Intermediate</li> <li>Long-term</li> </ul>	Impact	Impact	Results				Business / organization outcomes	Impact	Relationships	Outflow	Outgrowths		Business / organization outcomes	6
									Effect						1

++



Stakeholders, Publics, Society

Intended and unlimited impacts

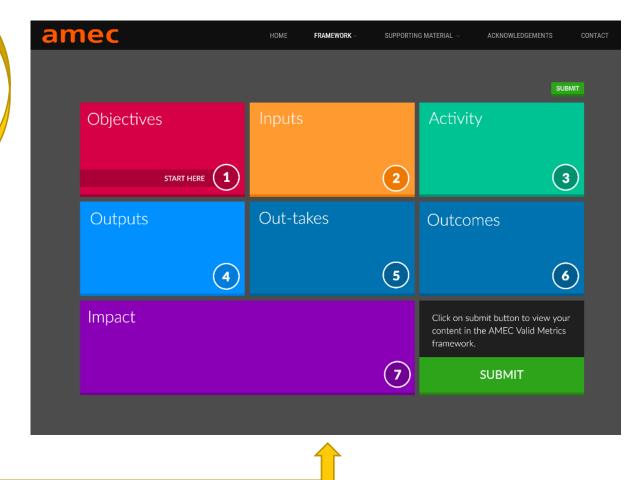
## Key features of this model

- Classic five-stage program logic model
  - But shows stages as overlapping spheres \*
- Applies to companies, government, NGO, NFPs
- Stakeholders, publics, and society are included \*
- Communication objectives align to organisation objections and to stakeholders, publics, and society \*

- Simple explanations of each stages in the model
- Feedback loops
- Impact evaluated in terms of organisation and stakeholders, publics, and society – intended and unintended \*
- Recognises context as factors to be evaluated \*



Stages in strategic communication	INPUTS	ACTIVITIES	OUTPUTS	OUTCOMES Shart-term (outlakes) -> Long-term	IMPACT
Brief description	What is needed to plan cod prepare constantionfor	What is done to produce and inplement case manipation	What is put out as done that reaches and engages the target publicit	What the target What ascretable public)t take out of conventiation and initial reasons: or target public/t	What results are counted, in full or in part, by the conversarization
KEY STEPS	<ul> <li>Planning &amp; preparation</li> </ul>	Production     Distribution	Exposure     Reception	Artisetion     Awareness     Awareness     Awareness     Change     Awareness     Change     Awareness     Consideration     Advocacy     Consideration	Target public's action/behaviour in Inte with objectives Organisation RDI Social/political change Organisation change (See examples of these helese)
EXAMPLES	Formatine research     Indepting     Manageria     Strainager planning     Proverse absorban     (e.g., staff, agencies)	Writing (e.g., news releases, hrocharm) Weda relation Design Wida indication Social media site dewekgenerel (e.g., blage, farektools gauge) Publication dewekgenerel (e.g., rewskitten) Event management Spronotips Advertiang campaign dewekgeneret	Adviting volarie     Adviting placement     Web content partied     Brochave     Brochave     Novoletters     Volace     Events staged     Social media postic(wg,     h lage, Rosekold)     E-mall(e-marketing     Cammarky     ergagement projects	Web visits     Secial mesh     Secial mesh     discussion     Video view     Secial mesh     discussion     diverses     Secial mesh     Secial mesh     diverses     Secial mesh     Sec	Safe reense     Decation (e.g.,     recover, blood)     Correlations (e.g.,     reduced divk dining)     Database     reterdophytik     Safe Telensettis (e.g.,     public headh     hisproverset, quality     of Telyval-being     hisproverset,     quality     of Telyval-being     hisproverset,     quality
METRICS & MILESTONES that can apply	SAMATT zőjectiven     Tagetei / 1875     Baselieve / bench marks     (e.g., editing sales, avorenens, attitudes)     Adatensa mends, profesences, etc. identified     Dearnal (pathemarks identified	Number of media release toward     Number of http://www. numc.codesrectory.etc.     Web siles/pages posted     Publications, wwwth, etc. on time on badget     Avands (e.g., FR, advertising)	Pouch (e.g. audited circulation, notingly Share of voice Toray-leaditisent score East attereduce Elick through (ETR) Elick through (ETR) United (CRE) Cost per click (CRE) Cost per view (CRE) Cost per impression	Prest traine     Contractor	Tagest met (e.g., uales, revenue, donations, redaxed road tol)     Carlomer retention nates     Erryloyse estention Ern taving (e.g., reduced health costs, daff tamoves, etc.) Positive gable opticed Positive gaptional
METHODS that can be used	Literature review     Erniconvertal scanning     Database statistics     Database statistics     More and and problem     Works and for social     nearath (e.g. surveys,     locar groups)     Pro-fail     Pro-fail     Cost of field/wreass     analysis     cost of field/wreass     analysis	Activity reports     Distribution validation     Expert/pare review     Award entries	Media metrics (w.g., auctions (inclusion, TV ratings)     Web statistics (w.g., wiews, downloads, etc.)     Advertising TARPs     Media monitoring     Media context annipolis (quantitation)     Media context annipolis (quantitation)     Media context annipolis (quantitation)     Media context annipolis (quantitation)     Media context annipolis (quantitation)	Social Investa analysis (qualitative) (qualitative) Sarveyn (x., Polits recal, axourrowa) Intalative, mathabase Atablative, mathabase methodational Sarveyn (x., Polits Sarveyn (x., Polits Forca groups) Net Porsubar Sarveyn (MS) Net Porsubar Sarveyn (MS) Timot data four packed	Database record () (e.g., uales, canot solvering rates, cand sol, etc.) DRM data HR data Ret

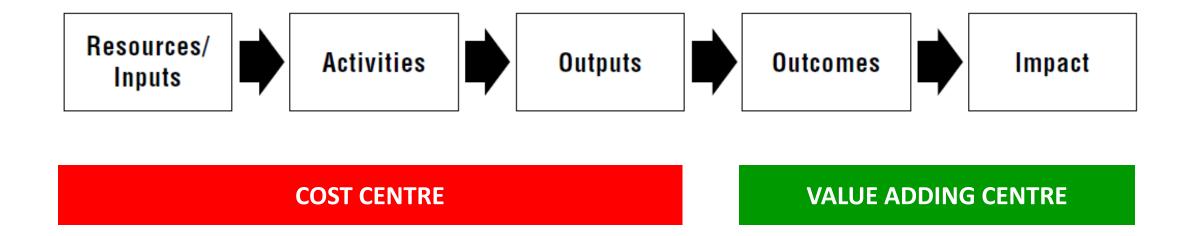


¥ < ~/

amec Global Summit on Measurement



## The push to outcomes and impact







#### 

## Methods (informal)

- Secondary data existing research including literature review
- **Database records**
- **Readability tests** (Fog, Dale-Chall, etc.)
- Advisory and consultative groups
- Feedback (e.g., 'contact us')
- Media monitoring
- Tracking online comments and reviews
- Response mechanisms (coupons, 1800/800 numbers, etc.)
- **Diaries**

ame

Informal interviews and discussion groups

## Methods (formal) – Quantitative

- Audited circulation statistics
- People meters
- **Physiological testing** Eye movement tracking to brain pattern analysis

- **Experiments** including random controlled trials (RCTs)
- Observational trials
- Surveys
- Structured interviews
- Content analysis (quantitative)
- Case studies (multiple)
- Return on investment (ROI)

## Methods (formal) – Quantitative

- Econometrics
- Benefit cost ratio (BCR) / Cost benefit analysis (CBA)
- Cost effectiveness analysis (CEA)
- Social network analysis (SNA)
- Customer journey mapping
- Market mix modelling
- Attribution modelling
- Behavioural insights
- 'Big data' analysis

## Methods (formal) - Qualitative

- In-depth interviews
- Focus groups
- Content analysis (qualitative)
- Textual, narrative, and thematic analysis
- Case studies (in-depth)
- Ethnography (observation)
  - Direct observation; Video ethnography; Autoethnography; Netnography

- Ethnomethodology
- Conversation analysis
- Action research / participatory action research (PAR)

ame



## Conclusions

- Standards are important and necessary
  - Eliminate confusion in terminology, models, practices
  - Do not prevent innovation

#### Base standards on common / best practice

- Don't 'wing it' or 'reinvent the wheel'
- Need to be transdisciplinary look at best practice in other fields

#### Need to broaden approaches/models

- Consider context; stakeholders and society as well as organisational objectives
- Evaluate unintended as well as intended impacts
- There are many informal and formal methods available
  - Grounded in social science reliable, trustworthy, credible
  - Practitioners need to be, or hire, methodologists and data analysts



## The book

#### • Evaluating Public Communication: Exploring New Models, Standards, and Best Practice Jim Macnamara, 2018 (Routledge, UK)

www.routledge.com/9781138228573

# Questions?



Evaluating Public Communication

exploring new models, standards, and best practice

Jim Macnamara





