DTU Mechanical Engineering

Supplementary material for paper

Modeling the potential business benefits of ecodesign implementation: a logic model approach

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Full database of categorized logic models with the description of their structural elements and the main topic they are addressing

#	Reference	Logic Model Structure	Theme
1	(Adamson and Prion, 2016)	Inputs, Outputs, Outcomes	Generic
2	(Addor et al., 2005)	Situation, inputs, outputs, outcomes and impacts	Model for the Natural Resources Leadership Institute
3	(Afifi et al., 2011)	Assumptions, inputs, activities, output, intermediate outcome, impact	Youth mental health
4	(Allen et al., 2017)	Activities, outputs, outcomes	Decision support systems
5	(Aragón et al., 2010)	Internal conditions for change, social conditions for change	Purposeful organizational capacity development
6	(Armstrong and Barsion, 2006)	Inputs, activities, outputs, outcomes	Faculty development programs
7	(Baxter et al., 2010)	Wider influences, causes/intervention points, outcomes	Public health reviews
8	(Baxter et al., 2014)	Intervention types, short term outcomes, moderating and mediating factors, demand management outcomes, impact	Referral of patients for specialist care
9	(Biggs et al., 2016)	Enabling actions, actions, outputs, outcomes, impact	Illegal wildlife trade
10	(Breuer et al., 2014)	Outcome, intervention, long-term outcome, impact	Mental healthcare
11	(Brown, 2012)	Inputs, Activities, Outputs, Outcomes, Impact	Graduate internship programs
12	(Bucher, 2010)	Inputs, activities, outputs, priority audience, short-term outcomes, intermediate-term outcomes, long-term outcomes	Tobacco control
13	(Campbell et al., 2015)	Inputs, Outputs (Activities), Outputs (Participants), Outcomes - immediate, intermediate and impact	Fellowship education program
14	(Carman, 2010)	Inputs, activities, outputs, outcomes	Nonprofit funding and performance measurement

15	(Cato, 2001)	Assumptions (Theoretical Premises), Activities (Program Activities), Immediate Outcomes (Evaluate Activities), Intermediate Outcomes (Objectives), Long Term Outcomes (goals)	Prevention of drug and alcohol abuse
16	(Chaskin, 2009)	Goals, Inputs, Outcomes short-term, Outcomes mid-term, Outcomes long-term	Community-based youth development
17	(Clarke et al., 2014)	Intervention components, mediator, proximal outcome, distal outcome	Student evaluation activities
18	(Cooksy et al., 2001)	Staff activities, participant activities, initial outcomes, intermediate outcomes, longer-term outcomes	School curriculum delivery program
19	(Copper, 2011)	Inputs (resources), work-steps (activities), deliverable product (output), goals (outcomes), results (impact)	Role of informationists in healthcare
20	(Csiernik et al., 2015)	Program Components, Activities, Target Population, Outputs, Short-term outcomes, long-term outcomes	Employee assistance programs
21	(Cullen et al., 2016)	Inputs, Outputs (Objectives), Outputs (implementation), Short-term Outcomes, Long-term outcomes	Driver licensing program
22	(Das et al., 2014)	Resources, activities, outputs, short-term outcomes, long-term outcomes	Employee wellness programs
23	(De-Regil et al., 2017)	Inputs, activities, outputs, outcomes	Vitamin and mineral interventions in public health programs
24	(Dorsey et al., 2014)	Inputs, Outputs (Activities), Outputs (Participants), Outcomes/Impact - short, medium, long	Cross-disciplinary collaboration
25	(Dubeau et al., 2015)	Problems, Needs, Resources and influential factors, Action Hypotheses, Strategies, Outputs, Results, Impacts	Father support program (family intervention)
26	(Dykeman et al., 2003)	Faculty roles, Process, Outcomes, Accountability, Integrated Outcome Evaluation / Goals (Current Resources, Target Population), Components, Process, short-term outcomes, mid-term outcomes, long-term outcomes	Community health clinic management
27	(Dyson and Todd, 2017)	Situation, main strands of action, outcomes	Evaluation of extended schools' initiatives
28	(Fielden et al., 2007)	Inputs, program activities, immediate outputs, outcomes, long-term impacts	Development of community-based research partnerships
29	(Francesconi and Ruben, 2017)	Practices and (income) impact	Cooperativism (Fairtrade certification)
30	(Freedman et al., 2014)	Activities, Outputs, Short-term goals, intermediate goals, long-term goals	Evaluation of a public health training center
31	(Goeschel et al., 2017)	Inputs, activities, outputs, objectives, results, goal	Quality and patient safety evaluation
32	(Goldman and Schmalz, 2006)	Situation, Priorities, Inputs, Outputs (activities), outputs (participation), outcomes- impact (short-term, medium-term, long-term) / Inputs, activities, short-term and mid-term outcomes, long-term outcomes	Generic

33	(Hailemariam et al., 2015)	Baseline context, pre-conditions (short-term outcome), long-term outcomes, impact	Development of mental healthcare plan in low-resource setting
34	(Hayes et al., 2011)	Target population, underlying assumptions, resources/challenges, activities, outputs, outcomes / Target population, assumptions, inputs, activities, outputs, outcomes, outcome indicators	Primary care practice-based research network
35	(Helitzer et al., 2010)	Risk & Protective Factors, Resources (Inputs), Activities (outputs), Immediate Impact (Mediating Factors), Short-term outcome, Outcomes	Evaluation of community-based programs
36	(Helitzer et al., 2009)	Risk & Protective Factors, Resources (Inputs), Activities (outputs), Short-term outcomes, Long-Term Outcomes	Agricultural injury prevention
37	(Hense et al., 2009)	Input, Process, short-term outcomes, long-term outcomes	Evaluation of business games for secondary school
38	(Hernandez and Hodges, 2006)	Populations, Values/principles, strategies, outcomes	Interagency planning in child mental health
39	(Herranz, 2017)	Resources, activities, outputs, intermediate outcomes, end outcomes	Network performance measurement system
40	(Holliday, 2014)	Inputs, Outputs (Activities), Outcomes (short-term) / Outputs (activities), themes (challenges and needs), outcomes (short-term)	Program fidelity evaluation in schools
41	(Hornik et al., 2016)	Processes and long-term (sustainability-related) outcomes	Justice in community-based sustainability interventions
42	(Huhman et al., 2004)	Inputs, activities, short- and mid-term outcomes, long-term outcomes	Evaluation of a healthcare campaign
43	(Hutchings, 2017)	Intervention, outputs, outcomes, impact	Global nonprofit performance
44	(Hyvärinen, 2017)	Input, activities, output, impact	Funding of public research, development and innovation
45	(Isaacs et al., 2009)	Activities, Target Groups, Short-term outcomes, Intermediate outcomes, long-term outcomes	Quality of life evaluation
46	(Jaegers et al., 2014)	Recruitment, Designed Activities, Activity outputs, short-term impacts, intermediate impacts, long term outcomes	Participatory ergonomics intervention
47	(Jordan, 2017)	Needs/opportunities, activities, end outcomes, system effects	Innovation policy and evaluation
48	(Julian, 1997)	Conditions, activities, outcomes, impacts	Generic
49	(Julian et al., 1995)	Conditions/problem statement, activities, outcomes, impacts	Generic
50	(Klugman, 2011)	Strategies and outcomes	Social justice advocacy
51	(Lee and Kang, 2014)	Resource, activity, output, outcome	Multicultural mentoring
52	(Loiseau et al., 2016)	Problem, community needs/assets, desired outputs, influential factors, assumptions, strategies	International volunteering
53	(Mackenzie and Blamey, 2005)	Problems, work themes (activities and outcomes), 3-year outputs/outcomes, 10-15 year outcomes, goals	Complex community interventions

54	(MacPhee, 2009)	Inputs, activities, outputs, outcomes	Practice-academic partnerships
55	(Mayne, 2016)	Assumptions, external influences, unanticipated results, activities, outputs, reach & reaction, capacity changes (knowledge, attitudes, aspirations, skills & opportunities), behavior changes, direct benefits, well-being benefits	Generic
56	(McLaughlin and Jordan, 1999)	Resources (inputs), activities, outputs, short-term outcomes, intermediate outcomes, long-term outcomes & problem solution, external influences and related programs	Generic
57	(Medeiros et al., 2005)	Inputs, outputs (activities/participants), outcomes (short, medium and long)	Nutrition education
58	(Millar et al., 2001)	Inputs, activities, outputs, initial outcomes, intermediate outcomes, long-term outcomes	Generic
59	(Monroe et al., 2012)	Theories, inputs, activities, outputs (actual implementation vs. desired), outcomes	Undergraduate instruction
60	(Newton et al., 2013)	Program principles, program components, program outcomes	Teacher education programs
61	(O'Keefe and Head, 2011)	Need, investment/capability, science/performance, output, adoption, impact	Scientific research programs
62	(Ohkubo et al., 2015)	Inputs, processes, outputs, initial outcomes, intermediate outcomes, long-term outcome	Knowledge management for global health
63	(Park, 2015)	Inputs, activities, outputs (short-term, mid-term) and impacts (socioeconomic, long-term)	R&D programs
64	(Ratcliffe, 2012)	Inputs, activities, outputs, outcomes (short-term), outcomes (intermediate & long-term)	Farm to School programs
65	(Renger and Hurley, 2006)	Chain of antecedent conditions and objectives	Generic
66	(Ribeiro et al., 2013)	Inputs, outputs, outcomes/impact (short-term, medium-term, long-term)	Sustainability assessment of electricity production
67	(Richards et al., 2017)	Drivers for change (preconditions), enabling factors (preconditions), process, intended outcomes, indicators of success, long-term impact, long-term indicators of success	Academic integrity
68	(Saltmarshe et al., 2003)	Goals, performance assessment, performance management	Overseas development assistance
69	(Savaya and Waysman, 2017)	Situation, inputs, activities, outputs, initial outcomes, intermediate outcomes, long-term outcomes	Social program development and evaluation
70	(Seidman, 2017)	Inputs, outputs/outcomes, impact	Sustainable development
71	(Serowoky and George, 2015)	Resources/inputs, activities, outputs, outcomes, impact	Sexual health program
72	(Shao et al., 2012)	Performance drivers, strategic supply performance outcomes, corporate performance outcomes	Supply chain performance
73	(Silva et al., 2014)	Resources, identification, treatment, long-term outcomes, impact	Complex medical interventions
74	(Sitaker et al., 2008)	Inputs, activities, goals, outcomes (short-term, medium-term, long-term)	Heart disease and stroke prevention
75	(Stewart et al., 2004)	Implementation objectives, outputs, short-term outcome objectives, long-term outcome objetives	Children's rehabilitation

76	(Strycker, 2016)	Context, activities, inputs, outputs, outcomes, impacts	Online education
77	(Thomson and Thomas, 2015)	Improvement, outcomes and impact	Housing investment and health
78	(Torghele et al., 2007)	Inputs, activities, outputs, outcomes	Emergency preparedness
79	(Tremblay et al., 2017)	Resources, activities, outputs, outcomes (short-term, intermediate and long-term)	Mental health
80	(Unrau, 2001)	Activities, intermediate outcomes, end outcomes (short-term and long-term)	Family literacy program
81	(Usher and Strange, 2011)	Situation, priorities, inputs/resources, outputs (activities and participation), outcomes/impact (short-term, medium-term, long-term)	Public art
82	(Vallejo et al., 2017)	Problem need, activities, results, effects, impacts and benefits	Manufacturing management
83	(Walker, 2015)	Intervention/program elements, provider factors, process outcomes, knowledge & skills	Mental health
84	(Watkins et al., 2011)	Leadership program activities, processes, emerging program outcomes	Executive leadership
85	(West, 2014)	Action-oriented inputs, activities, reach, short-term outcome, intermediate outcome, long-term outcome	Diabetes management and prevention
86	(Williams, 2017)	Input, process, output, individual outcome, immediate outcome, intermediate outcome, long-term outcome, (societal) impact	Generic
87	(Yampolskaya et al., 2004)	Target population and conditions, categories of service, activities, strategies, short-term outcomes, long-term outcomes	Mental health public policy

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