



CitA

Construction **IT** Alliance

**Irish
BIM
Study**

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BIM in Ireland Update 21st March 2019

BIM in Ireland Umbrella Forum - Update

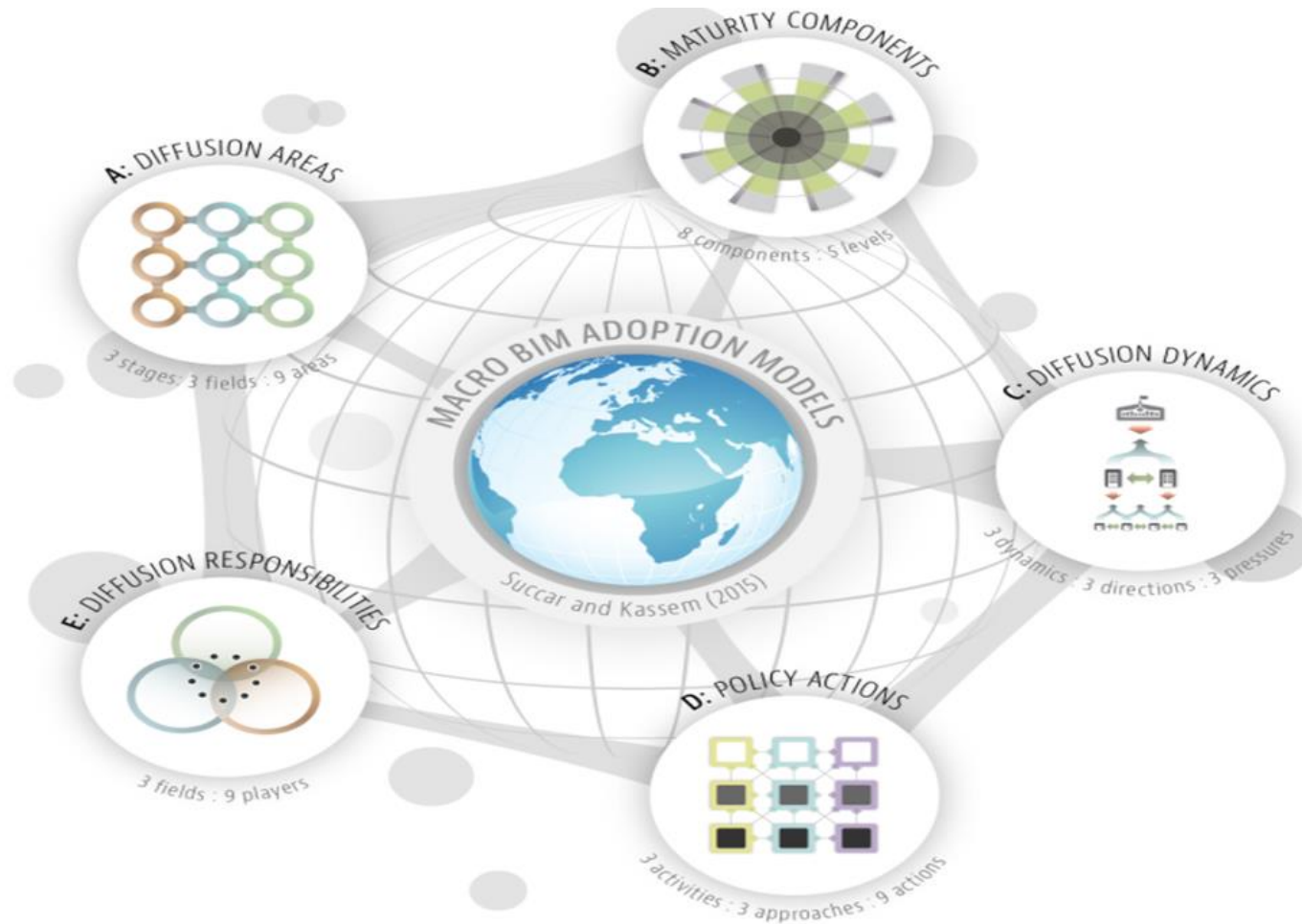


BIM in Ireland Umbrella Forum – Group Purpose

1. The core purpose of the working forum is to provide a neutral and holistic environment for the sharing of information for review or comment between the different Professional Institutes Digital Construction / BIM sub committees.
2. To make the Irish AEC Sector aware of the work being performed within the area of Digital Construction by the different professional Institutes and working groups.
3. Make recommendations to assist the NBC RoadMap to Digital Transition 2018 -2021 in achieving its targets.

Organisation	Summary
Association of Consulting Engineers (ACEI)	ACEI is currently working with the Irish Construction Industry Council (CIC) in investigating an Irish Plan of Works (IPOW).
BIM Regions:	Dates are being confirmed for some CitA Regional Events with hopes to launch an event in May to help boost interest in the regions.
CIC	The CIC is working with other industry bodies in investigating a potential IPOW.
Construction Industry Federation (CIF)	The CIF Construction 4.0 committee launched the BIM Starter Pack. This pack compliments their 1) BIM standards and Policy Guide and 2) Bidding for BIM Guide.
Leica:	Leica is currently working with the Society of Chartered Surveyors (SCSI), Institute of Engineering Surveyors and Northern Ireland BIM Hub.
National Standards Authority of Ireland:	Mirror committee is to begin work on an Irish National Annex for I.S. EN ISO 19650-2:2018. Three Irish BIM experts are now attending CEN meetings.
Public Sector BIM (PSB)	The PSB is in the process of organising a Hackathon that will promote Open BIM.
Royal Institute of Architects Ireland (RIAI)	RIAI have released a BIM Starter Pack that contains templates and guidance notes.
SCSI:	The Society is planning to review the RIA BIM Pack regarding establishing potential synergies.
Transport Infrastructure Ireland	Project due to get underway in Cork which will apply BIM processes and technologies.
Women in BIM (WIB)	WIB Presented at the recent Construction Summit.

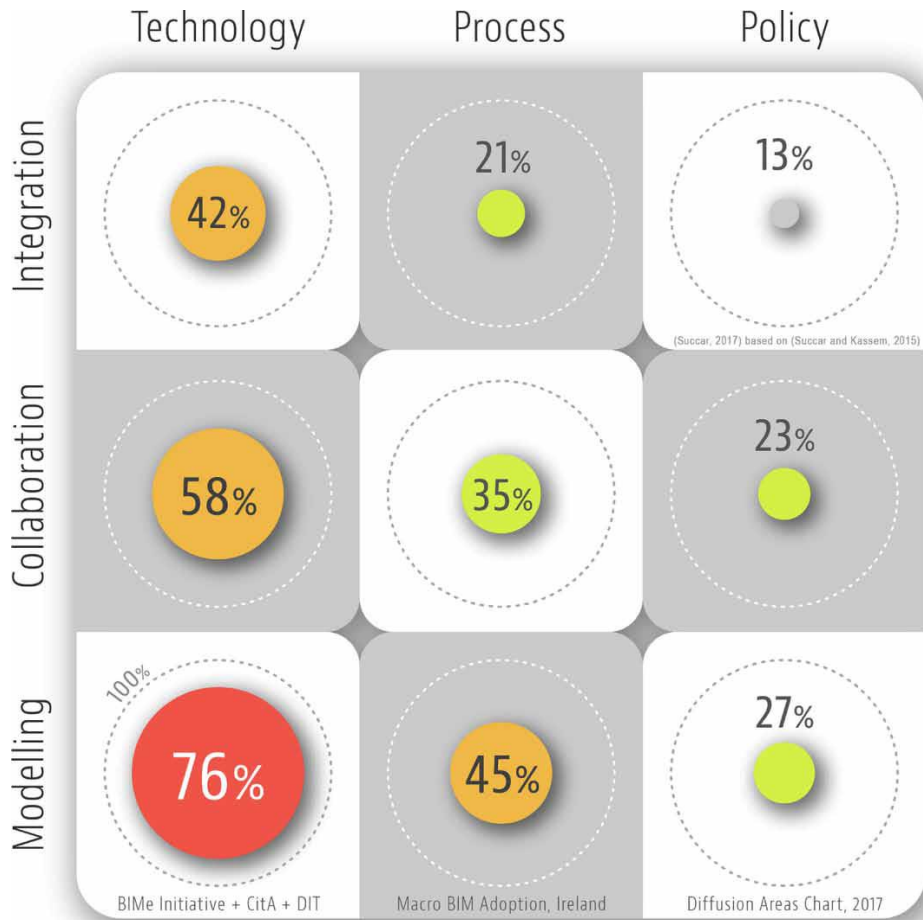
Ireland's BIM Macro Adoption Study: Establishing Ireland's BIM Maturity Study 2019



- Assessing a country's current BIM adoption policy
- Comparing the BIM maturity of different countries
- Application of the models in developing a national BIM adoption policy

Model A: BIM diffusion areas model for Ireland

2017

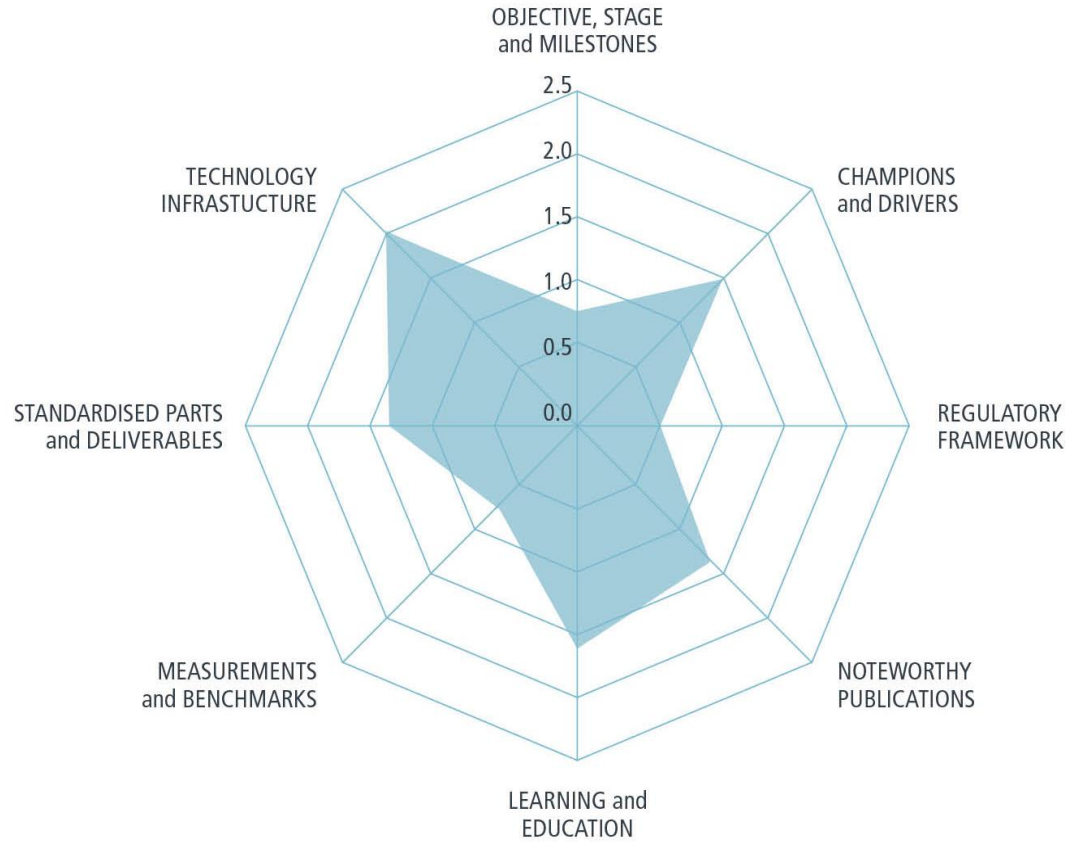


	Technology	Process	Policy
Integration	58%	37%	35%
Collaboration	65%	44%	27%
Modelling	77%	46%	35%

2019

This model seeks to establish the extent of BIM diffusion across markets

Model B: Macro maturity components model for Ireland

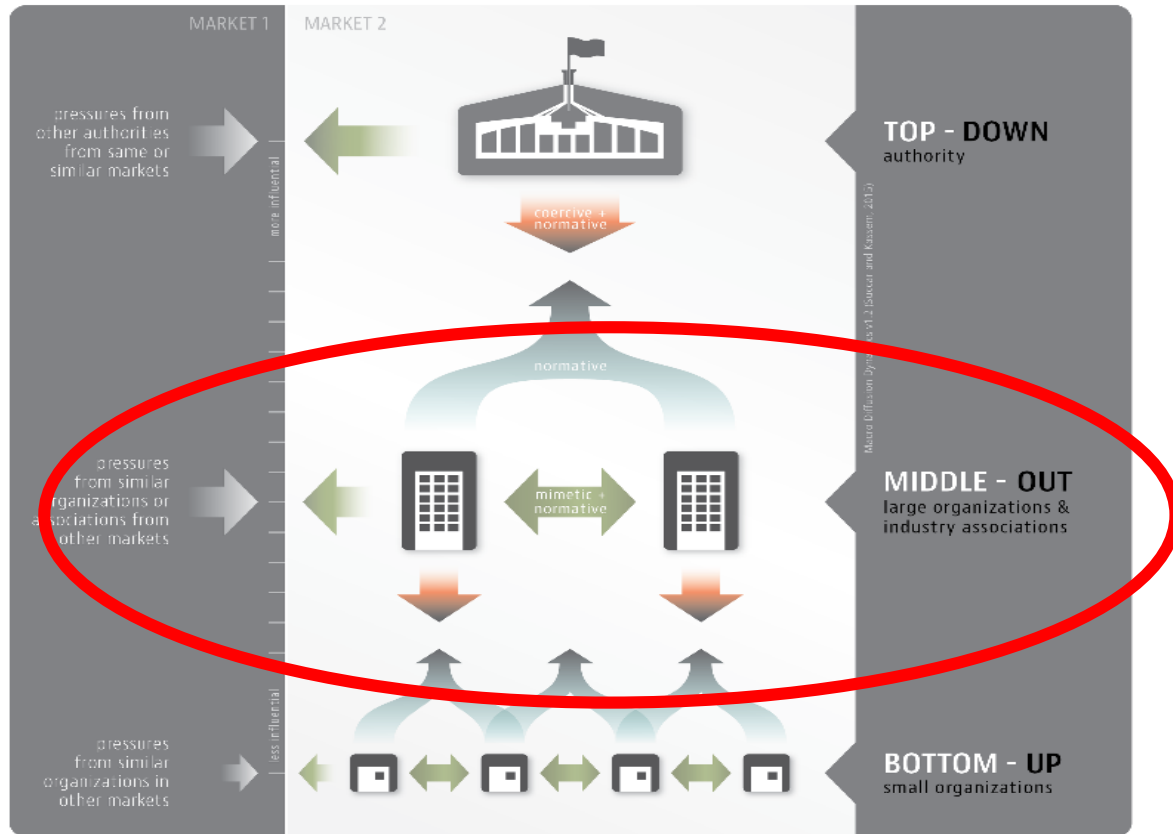


	2017	2019
Objectives and Milestones	0.8	1.4
Champions and drivers	1.5	1.5
Regulatory Framework	0.5	1
Noteworthy Publications	1.4	1.7
Learning and Education	1.6	1.5
Measurements and Benchmarks	0.8	0.8
Standardised Parts and Deliverables'	1.2	1.15
Technology Infrastructure	2.1	2.1

This model assesses the BIM maturity of countries using a comparative matrix or granularity using component-specific metrics

Model C: Diffusion Dynamics Model

2017



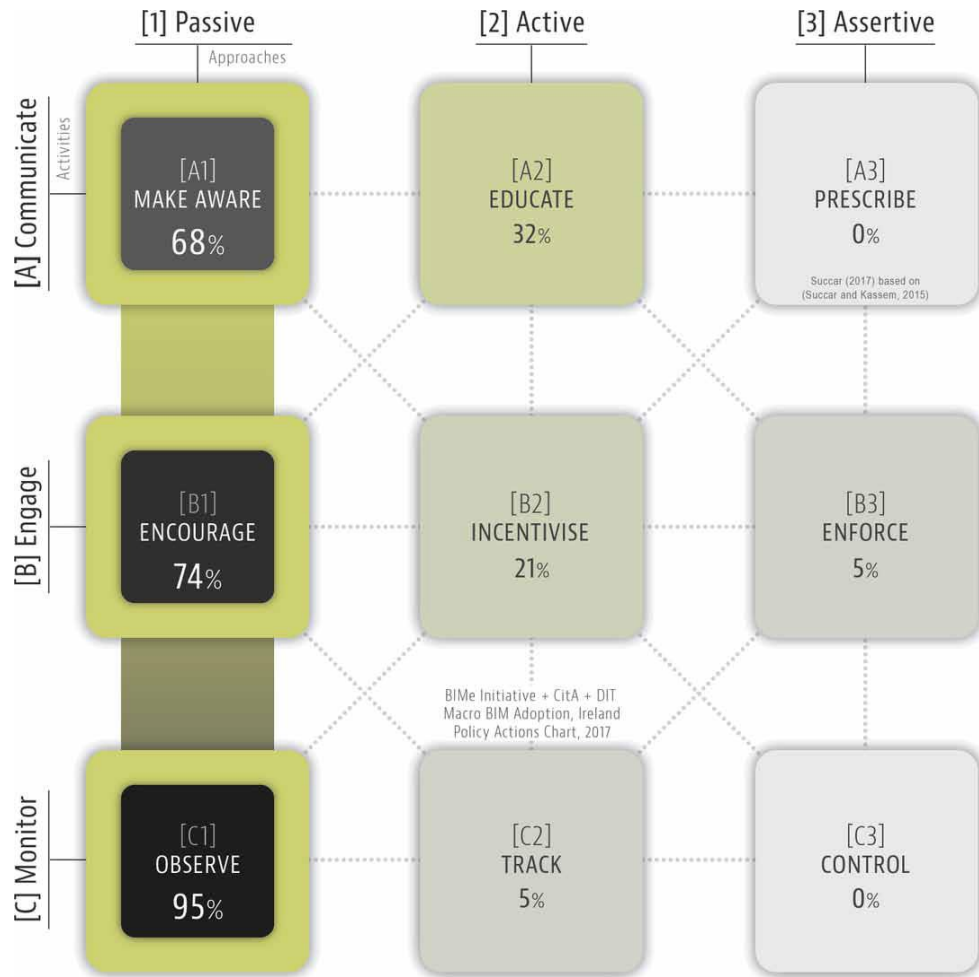
2019

Results show no change in this model

This model assesses and compares the directional pressures and mechanisms affecting how diffusion unfolds within a population

Model D: Macro-Diffusion Responsibilities

2017

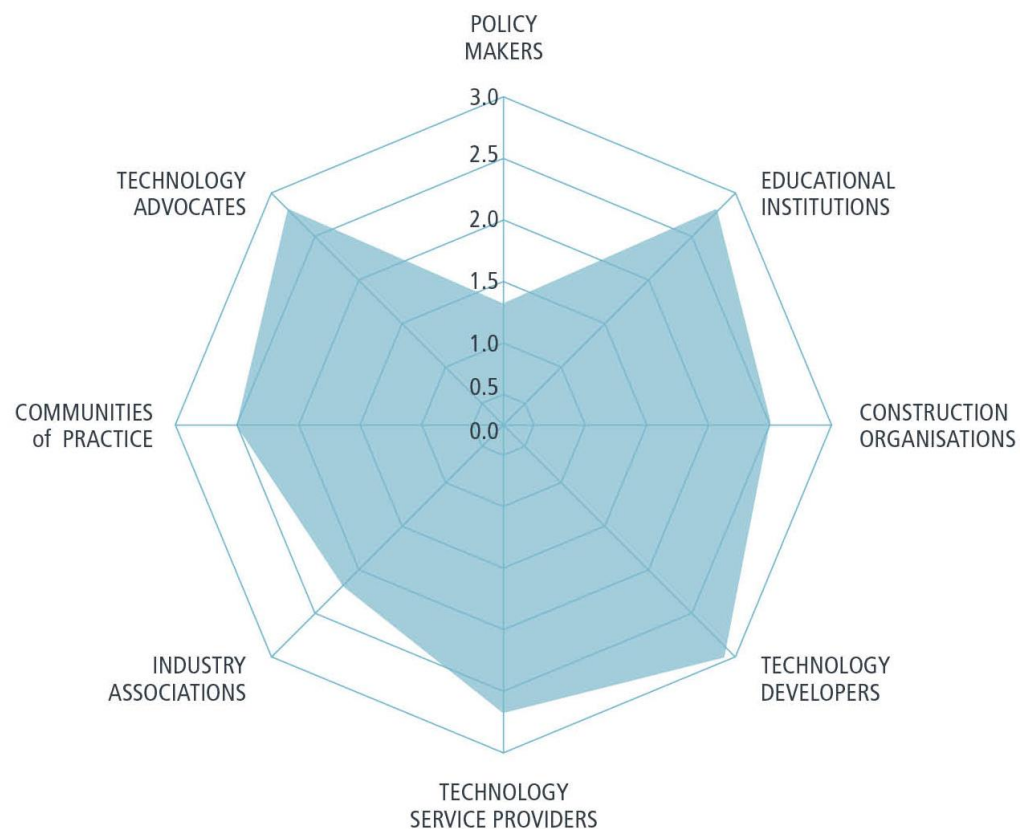


	Passive	Active	Assertive
Communicate	55%	45%	0%
Engage	72%	18%	9%
Monitor	82%	18%	0%

2019

This model identifies, assesses and compare the actions policy makers take (or can take) to facilitate market-wide adoption

Model E: Macro Diffusion Responsibilities Model



	2017	2019
Policy Makers	1.2	0.5
Educational Institutions	2.7	2.7
Construction Organisations	2.4	2.4
Technology Developers	2.9	3.1
Technology Service Providers	2.6	3.2
Industry Associations	2.2	2.1
Communities of Practice	2.4	2.1
Technology Advocates	2.7	3.2

This model assesses and compares the roles played by different stakeholder groups in facilitating diffusion within and across markets.



- Everyone who has completed the survey is aware of BIM.
- Many people, around three quarters, say they have adopted BIM.
- Almost two-thirds are confident in their knowledge and skills in BIM.
- Three-quarters of respondents say they would turn to CitA for information about BIM.
- A similar percentage say they would turn to NBS.
- A majority are aware of the Irish government's public sector BIM strategy and the National BIM Council Roadmap for BIM.
- Only a minority think that the Irish government's BIM Adoption strategy has been successful.
- Still a minority, but more, think the NBC Roadmap 2018-2021 has been successful.
- The results so far, do indicate an awareness and interest in BIM, as well as encouraging signs of adoption but we will explore this further within the full analysis.

Cita STRATEGIC PARTNERS

NBS Cita Survey



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