





Arcadis 2022 Global Construction Disputes Report

Most effective claims avoidance techniques

2021 Rank		2020 Rank
1	Contract and specification reviews	2
2	Risk management	1
3	Constructability reviews	3 (tie)

Most important factors in the mitigation/early resolution of disputes

021 Rank		2020 Rank
1	Owner/contractor willingness to compromise	1
2	Accurate and timely schedules and reviews by project staff or third parties	2
3	Contractor transparency of cost data in support of claimed damages	3







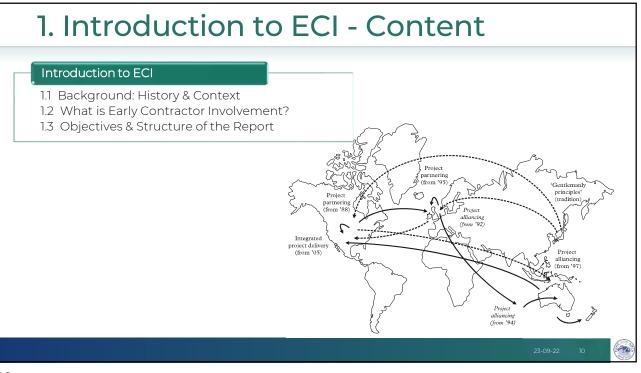




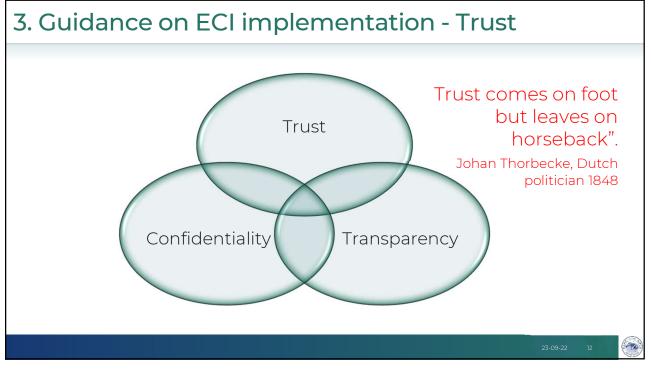
1. Introduction to ECI - Definition

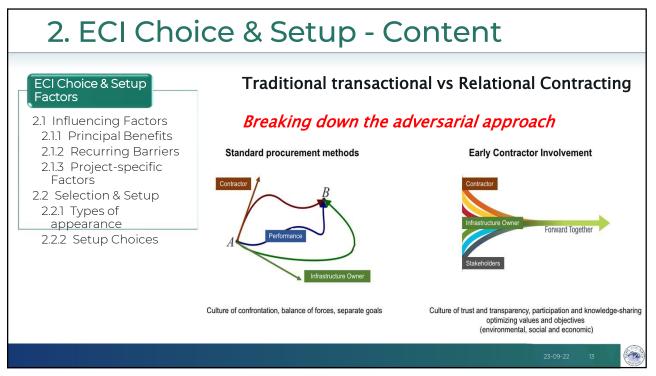
"Any strategy initiated by infrastructure owners towards contractors, key supply chain members and stakeholders with the purpose of optimizing values in project delivery and objectives through their participation and knowledge sharing in stages of project plannin and design prior to execution contract award."

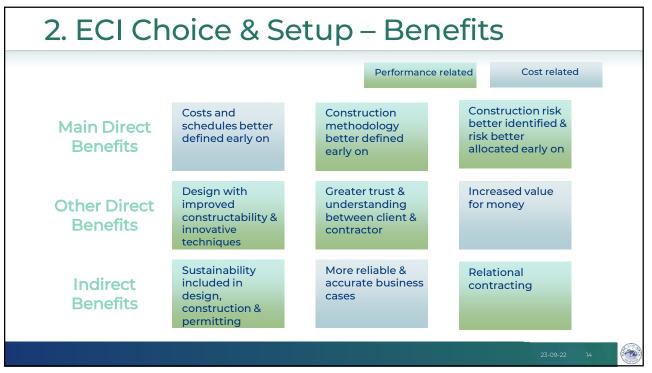
WG 194 Definition of ECI

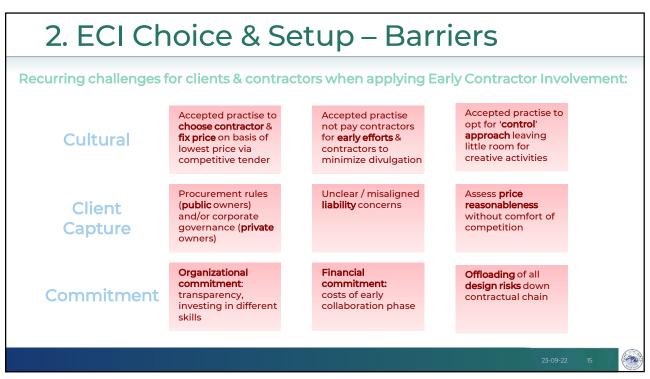


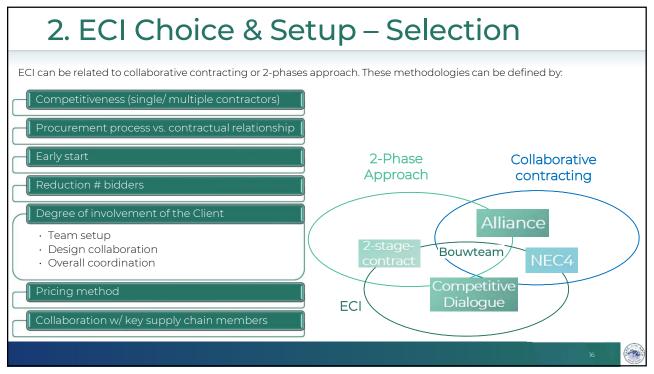












CHECKLIST: WHEN IS EARLY CONTRAC		EMENTAPPROPRIATE?	
Description	1 2 3 4 5	Description	1 2 3 4
Company culture, at which level are the characteristics below present?		Budget	
Client)	There is pressure on the budget	
robity		Not all costs have been identified	
ransparency		There is uncertainty with regard to specific costs	
qual Treatment of all engaged contractors		Construction	
irness		The construction methodology has been poorly defined	
pen communication		The construction conditions are challenging	
arity through clear rules of engagement		Construction risk is unclear and badly allocated	
otection of intellectual property		The transport situation is challenging General	
Consultant)		
obity		All parties involved are open for the ECI way of working There is a lot of uncertainty and risk in the project	
ansparency		There is a financial solid business case for the project	
ual Treatment of all engaged contractors		There is a mancial solid business case for the project. There is time pressure on the project	
airness		There are a lot of different stakeholders involved	
pen communication		The legal situation facilitates ECI	
arity through clear rules of engagement		A situation of 'client capture' ¹ will not arise	
otection of intellectual property		Contractor selection	
Contractors)	The assessment method for selection of the contractor is well defined	
e ECI suitable contractors available to execute the project?		The assessment method for selection of the contractor is clear to all parties	
Design)	Compensation for the losing contractor(s) has been included in the budget	
e functional requirements are difficult to realise within the given budget			
istainability requirements are strongly involved			

4. Framework for an ECI - Contract Forms				
Pre-project pure ECI only	FIDIC White Book 2017 JCT PSCA 2016			
Two Stage (ECI) Project	 AIA A134 2019 NEC4 ECC X22 CCDC 30 - IPD Bouwteam DG 2020 AIA IPD 			
Project Partnering	 NEC4 Alliance PPC 2000 PAA 			
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