



Hybrid Collaborative Delivery Team Proposal

LUESA Code Enforcement

Presented to

Board of County Commissioners

December 3, 2013

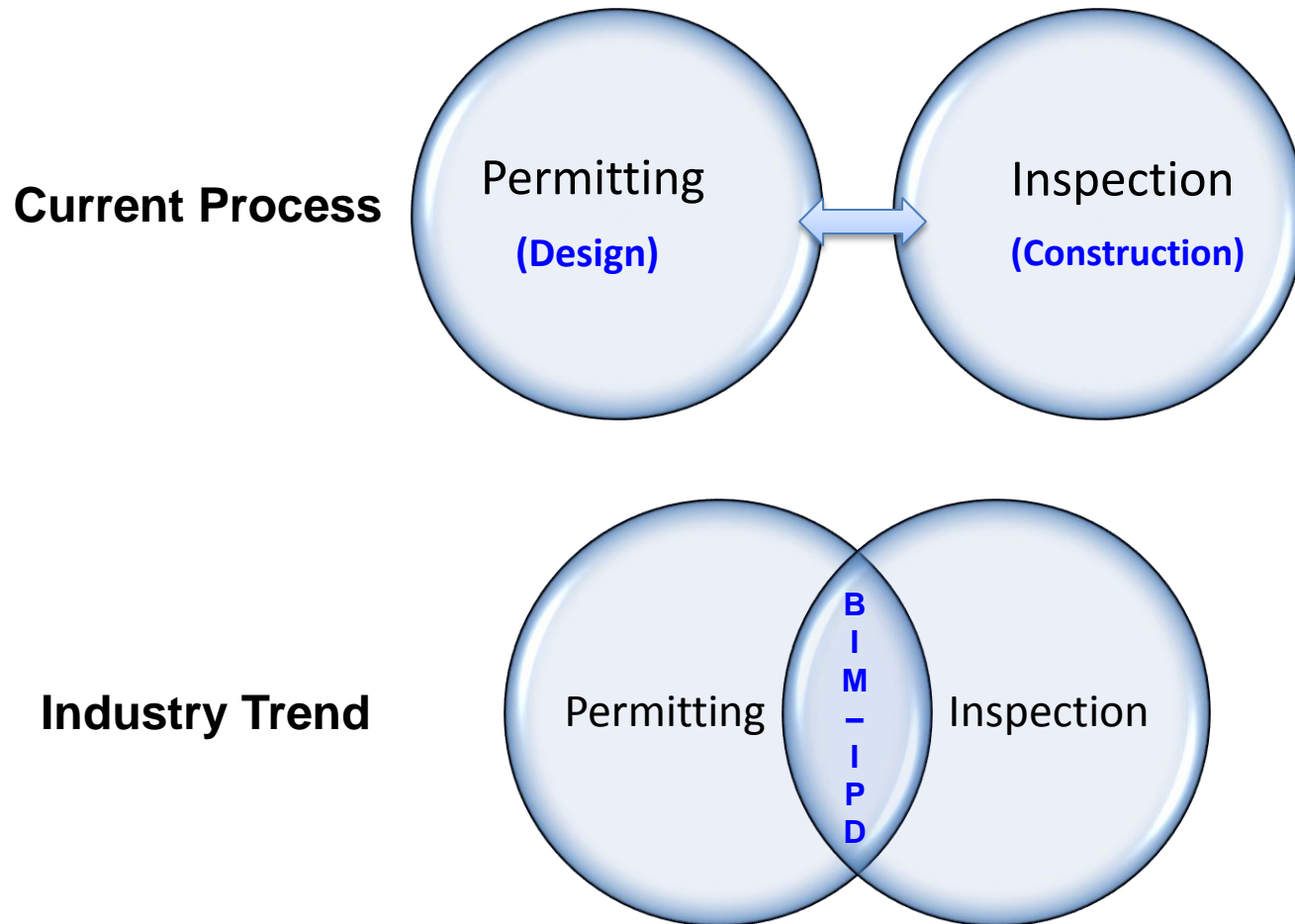
Staffing and Customer Demand

WORKLOAD SINCE 2007	FY07	FY10/FY11	FY13	FY14 Annualized
FTE's	242	130	165	175
Permits	96,000+	66,000+	81,000+	88,000+
BEMP Inspections	370,000+	160,000+	208,000	247,000
Commercial Plan Review	14,000+	7,000+	14,000+	12,700

	Full-Time Employees (FTEs)	Betterments (FTEs)
July 1, 2008	242	
May 4, 2010	130	
August 2, 2011		5
April to June, 2012		10
December 4, 2012		20
FTE COUNTS SINCE 2008		10
November 1, 2013		
Total FTE Count		175



Service Delivery Paradigm Shift



BIM - IPD – Building Information Modeling, Integrated Project Delivery



What is BIM-IPD ?

Building Information Modeling (BIM):

The use of a three-dimensional (3D) computer model for design, permitting and construction that could also be used for future maintenance of a building or structure.

Integrated Project Delivery (IPD):

A process that integrates all the key participants - Owner, Architect, Engineer, Contractor and Code Official – as a team – from the design, through permitting and completion of construction of a project.



Proposed Enhancement

- **Response to customer need and industry trend**
- **Three pilots currently underway**
- **Three projects potentially interested in the new service delivery model.**
- **16 positions**



BUILDING DEVELOPMENT COMMISSION (BDC)

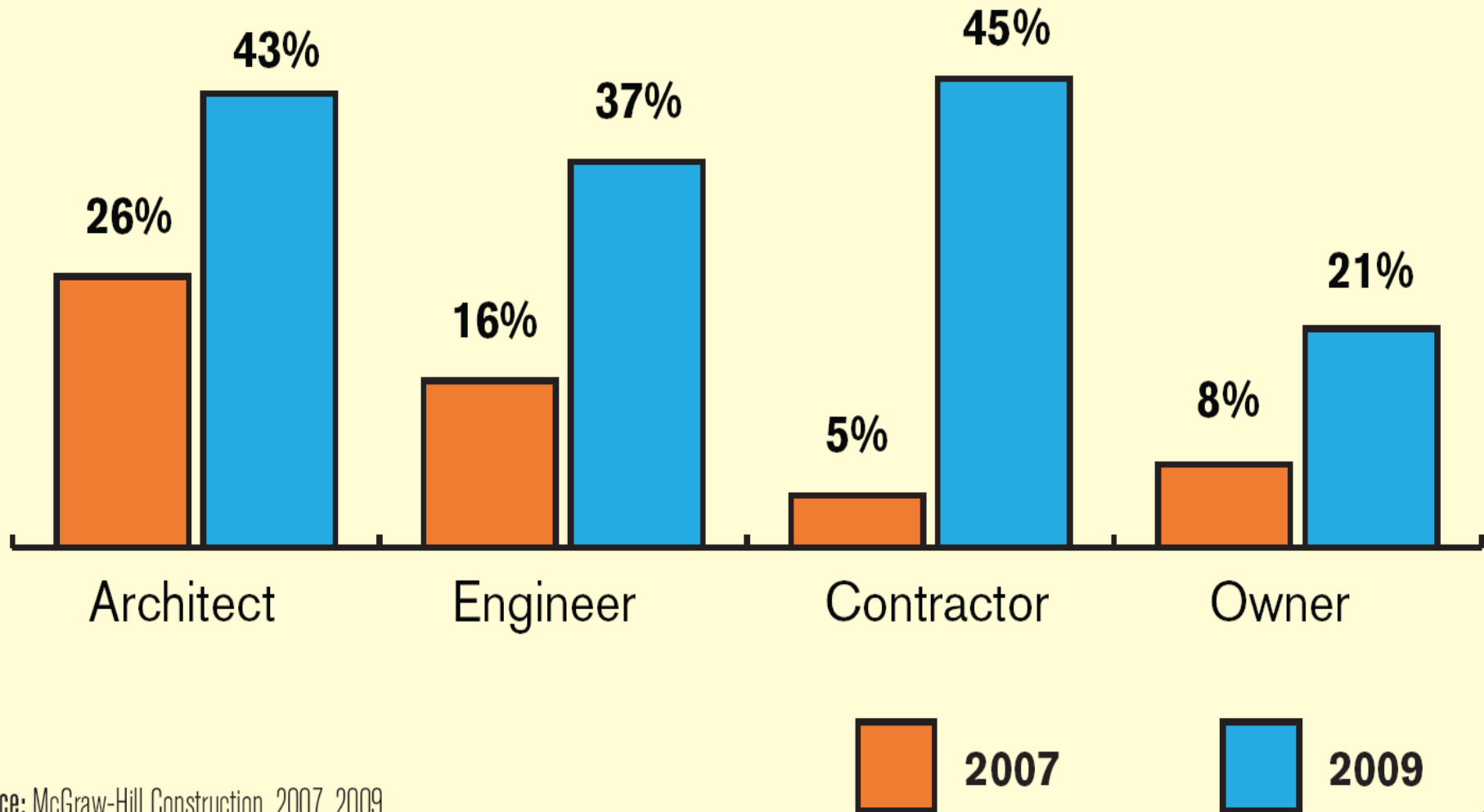
BIM-IPD REPRESENTATIVE PERSPECTIVE

- **Jonathan Bahr**, Architect and BDC Chair
- **Bernice Cutler**, Architect and Charlotte Apartment Association Representative
- **John Taylor**, VP Rodgers Builders and Mecklenburg General Contractor's Association Rep
- **Brian King**, Virtual Construction Manager, Rodgers Builders



Growth in BIM Expertise

Advanced/Expert Users



BOCC Requested Action

**Approval of addition of 16 positions and
corresponding increase in budget**



Questions??

