## TRANSFORMATION THROUGH DIGITALISATION

**JUERGEN DOLD, PRESIDENT HEXAGON GEOSYSTEMS** 



# POTENTIAL DIGITAL REALITY



#### REALITY OF LAUNDRY

















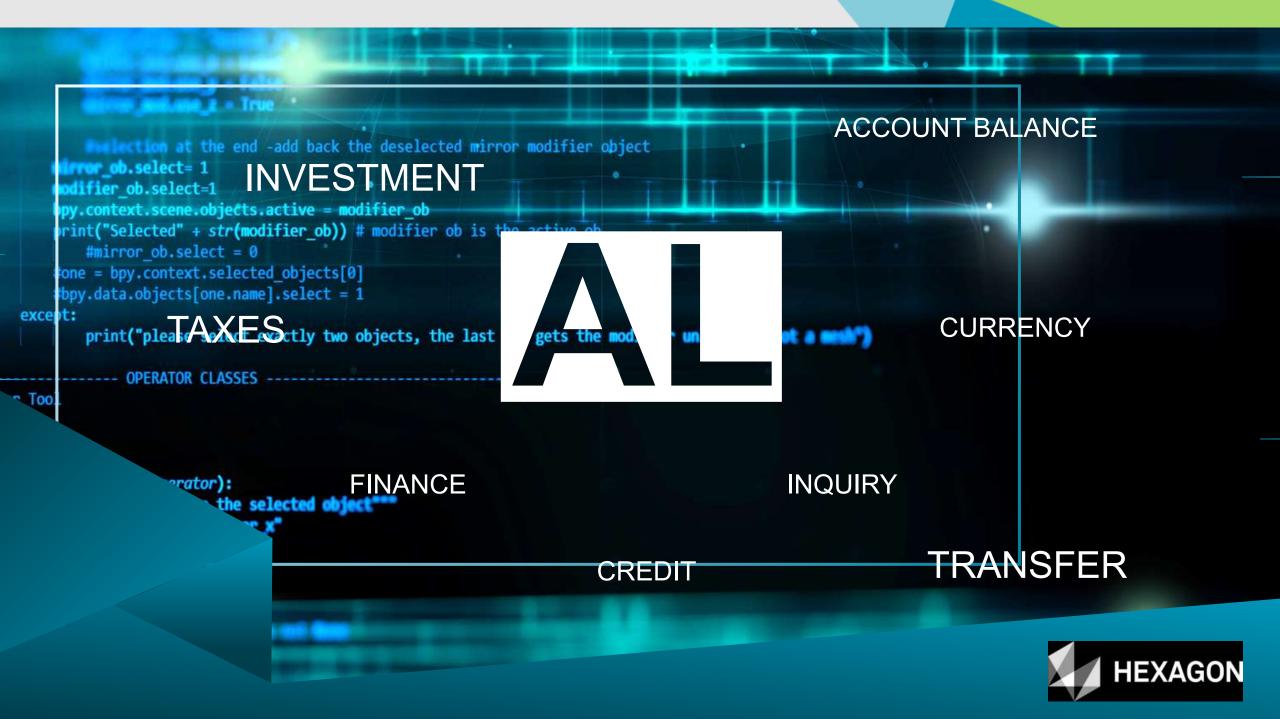
# 



# DIGITALISE







# WHAT SHOULD BE



COMPLEXITY RISK ACCIDENTS

**DELAYS** MISTAKES





#### DIGITISING CITIES



# DIGITISING IS NOT EXCLUSIVE ANYMORE



#### ABOVE AND BELOW



#### DIGITAL CITIES



### 2.5 QUINTILLION 2,500,000,000,000,000,000





#### 3D WORLDS OF AL







#### AUGMENTED REALITY



# WHAT IF WE COULD SIMULATE ALL OF OUR "WHAT IF'S"?

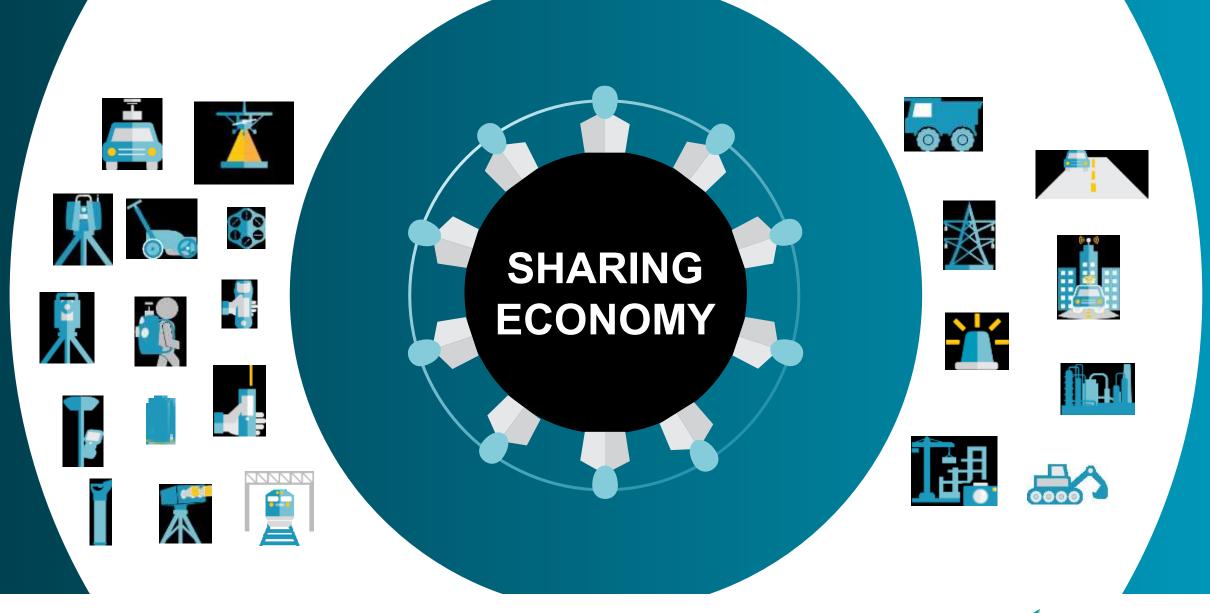




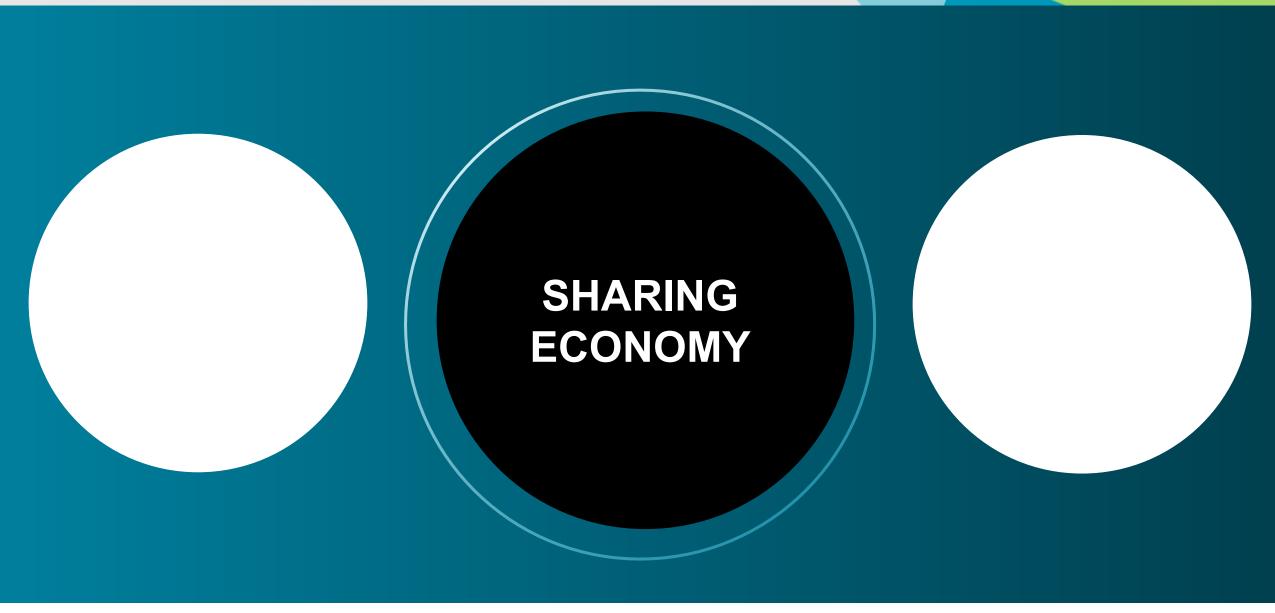










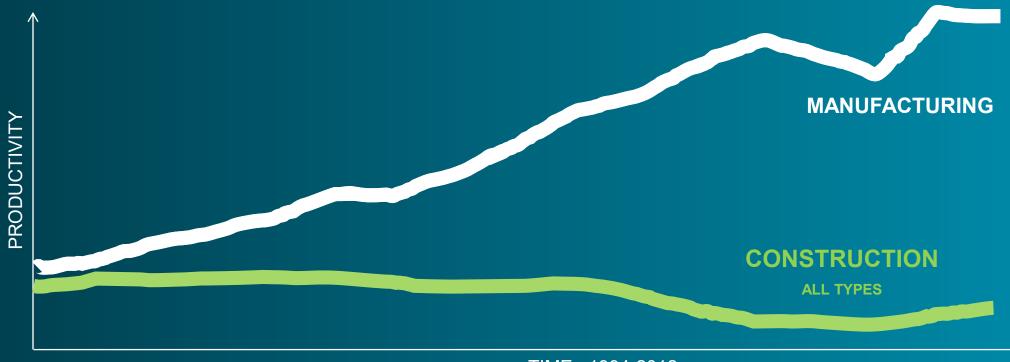








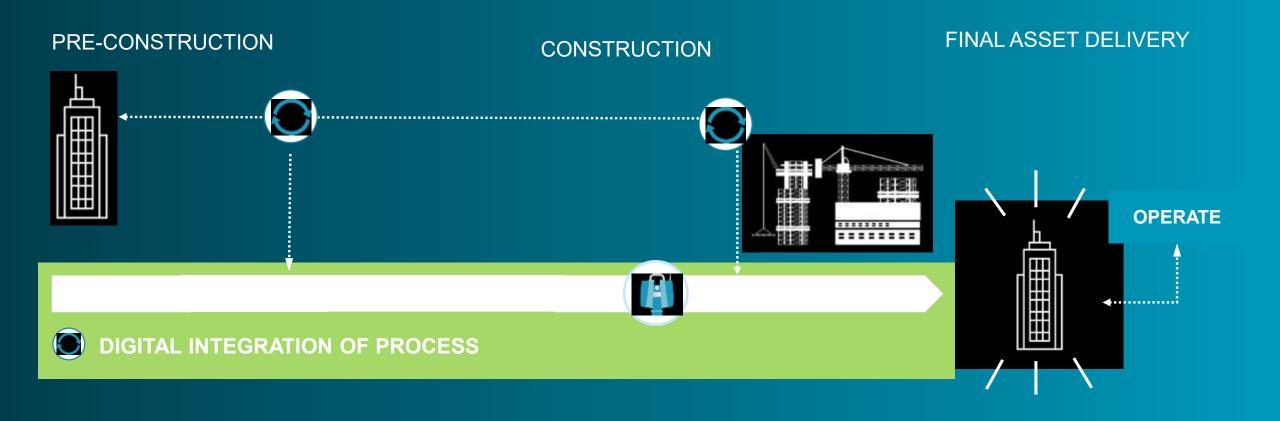
### GLOBAL CONSTRUCTION PRODUCTIVITY HAS DECLINED



TIME: 1994-2012

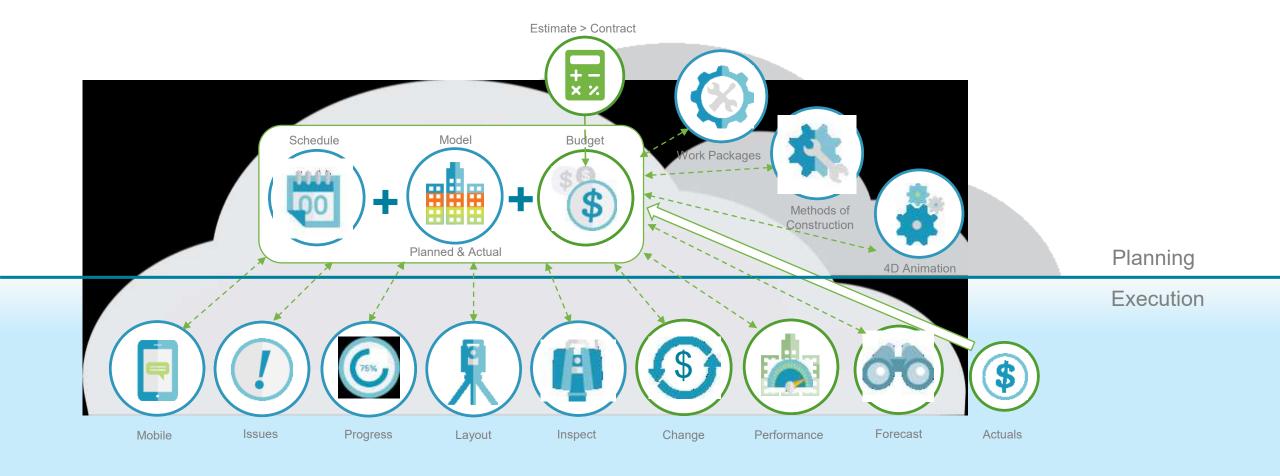


#### THE CONSTRUCTION ECOSYSTEM





#### **HxGN SMART Build. Simply Smarter.**

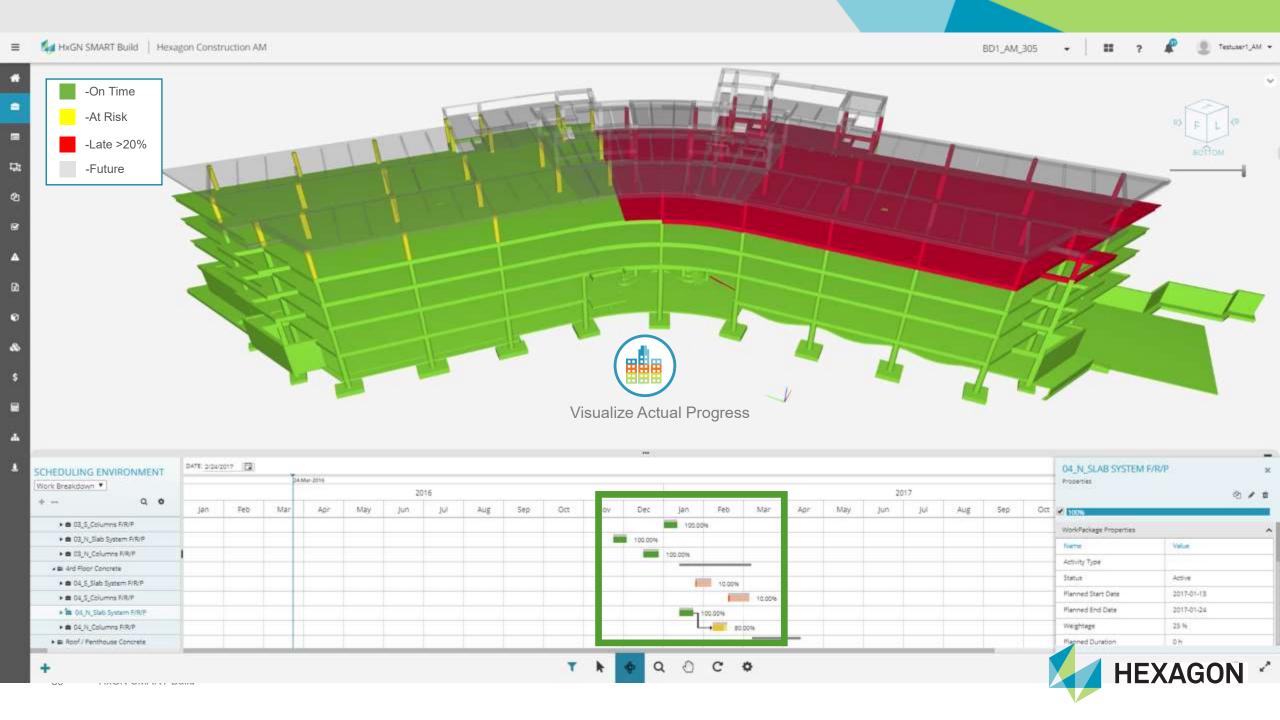


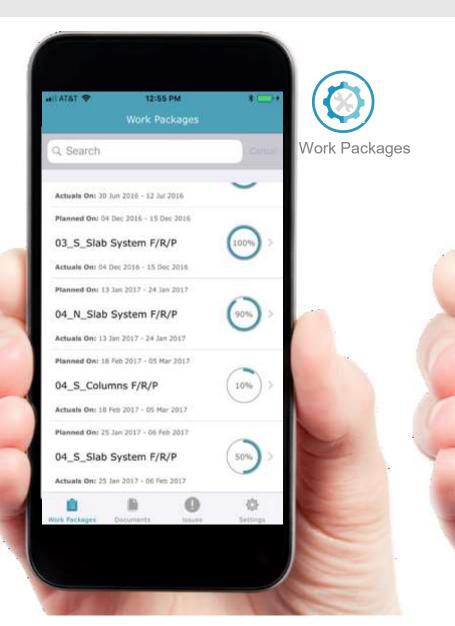


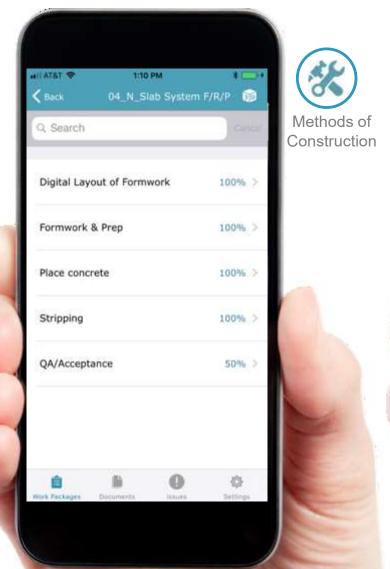
#### TRUE ASSUMPTIONS



















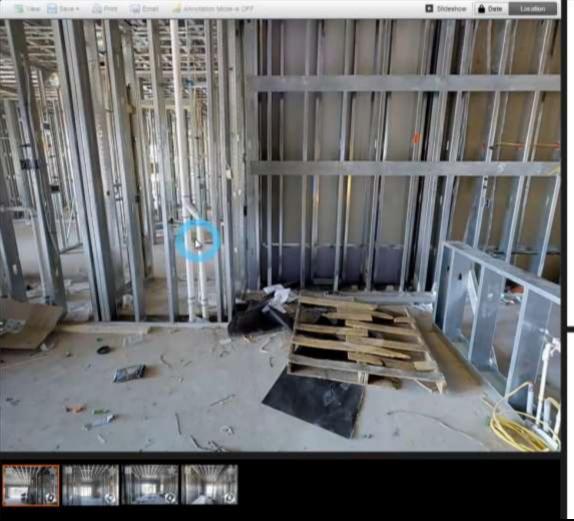


# DENETHURION PRINGRESSY'S DOCUMENTATIONS











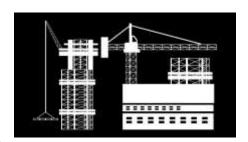
Site-Walk 360 - MEP Exact-Built Photos Mill-Rise Condo June 9, 2015 - Photo 1



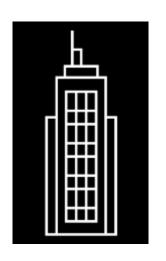








## SIMPLICITY CONNECTIVITY INTELLIGENCE







#### TWO LETTERS THAT WILL CHANGE THE **WAY WE WORK**



#### 







### THE STATE OF STATES



## DIGITAL SE







#### TRANSFORMATION THROUGH DIGITALISATION

