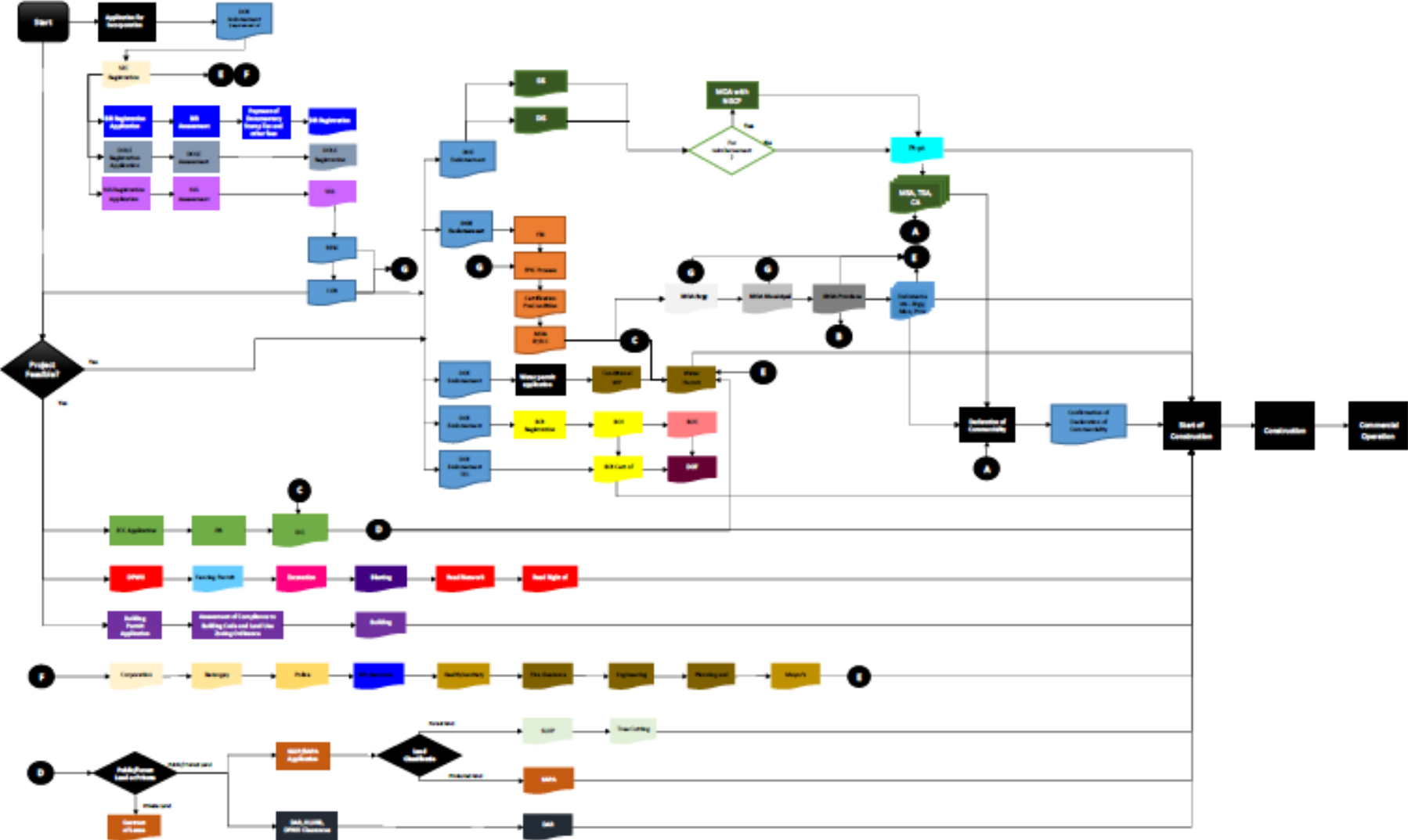


Challenges in Permitting

2018 Energy Investment Forum

Permitting Challenges in Power Development



Permitting Challenges



1,340 days to obtain permits prior to construction



359 signatures needed, IPs not included



74 regulatory agencies and attached agencies/bureaus



**43 contracts, certifications,
endorsements, licenses required prior
to construction**



20 governing laws to comply with

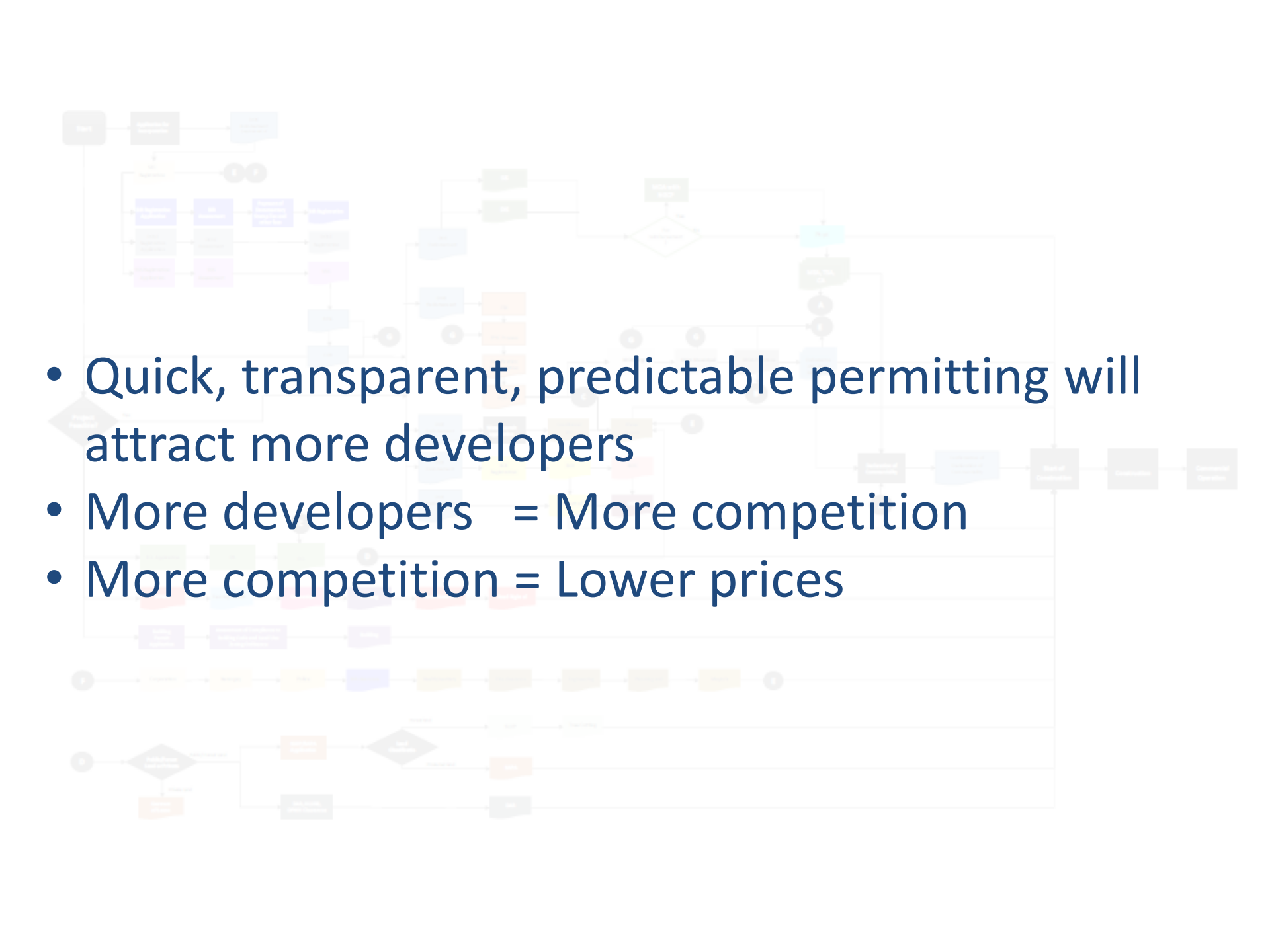


**Permitting Processes
can still be improved further**



Permitting Processes can still be improved further

- Hire a third party to do process improvement
- Software and automation
- Eliminate paper
- Monitor and publish performance
- Incentivize the staff for speed and quality

- 
- Quick, transparent, predictable permitting will attract more developers
 - More developers = More competition
 - More competition = Lower prices