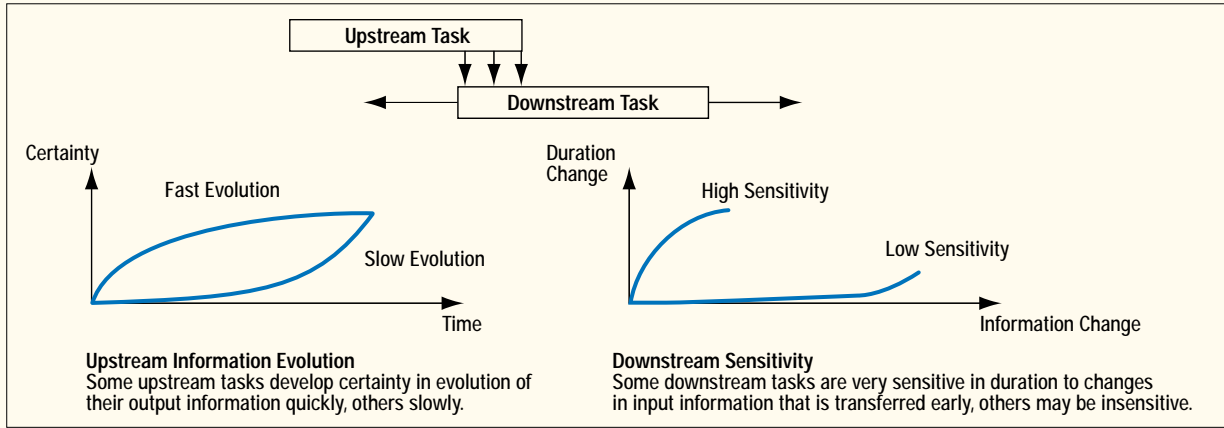


# HOW UPSTREAM DESIGN CAN OVERLAP WITH DOWNSTREAM CONSTRUCTION

UPSTREAM DESIGN ACTIVITY



DOWNSTREAM CONSTRUCTION ACTIVITY

		FAST EARLY PRODUCTION				SLOW EARLY PRODUCTION			
		Highly Reliable	Fairly Reliable	Fairly Unreliable	Highly Unreliable	Highly Reliable	Fairly Reliable	Fairly Unreliable	Highly Unreliable
SLOW EARLY PRODUCTION	Insensitive	*15% **25%	25% 50%	35% 75%	100% 100%	65% 25%	75% 50%	85% 75%	100% 100%
	Sensitive	25% 50%	35% 75%	100% 100%	120% 100%	75% 50%	85% 75%	100% 100%	120% 100%
	Highly Sensitive	35% 75%	100% 100%	120% 100%	140% 100%	85% 75%	100% 100%	120% 100%	140% 100%
FAST EARLY PRODUCTION	Insensitive	25% 50%	35% 75%	100% 100%	120% 100%	75% 50%	85% 75%	100% 100%	120% 100%
	Sensitive	35% 75%	100% 100%	120% 100%	140% 100%	85% 75%	100% 100%	120% 100%	140% 100%
	Highly Sensitive	100% 100%	120% 100%	140% 100%	160% 100%	100% 100%	120% 100%	140% 100%	160% 100%

\* % design at which construction may start

\*\* % design likely done when construction starts