

Introduction

Economy Design Steps

- 1 Establish the basics
- 2 Differentiate the resources
- 3 Construct the system
- 4 Modulate and adventure

- **Balance**
- Conclusion

Introduction: Game is life

Economy is the science of <u>efficient allocation</u> of <u>scarce resources</u>.

"Games are microcosms of life"





Introduction: Game is life

not

BAD ECONOMICS

Low quality education
Higher unemployment rate
Lower consumption rate

GOOD ECONOMICS

Higher average income Lower unemployment Improved public services



Introduction: What's good game economy

- 1 Right amount of friction
- 2 Good amount of satisfaction
- **3** Guaranteed game longevity

Economy Design Steps

How to keep players coming back?

Keep things **INTERESTING**

Keep things **CHALLENGING**

Keep things EXCITING

• Establish the basics





TIME is players real resource while playing a game

Compensate **TIME/DIFFICULTY** with **REWARDS**

Establish the basics: Player Archetypes



Explorers

Play games to discover.

Motivations: freshness

^{TV} Socializers

Play games to interact.

Motivations: connection



Achievers

Play games to become experts.

Motivations: prowess



Killers

Play games to assert dominance.

Motivations: victory

Segment the player base and try to balance difficulty/reward curve to make the game **INTERESTING** for that player archetype.



Differentiate the resources



Non Investment

Gives euphoric sense of autonomy



RESOURCES

InvestmentMakes progress faster



Differentiate the resources (contd.)





Introduce **new rewards** in time
Introduce **ways to accumulate wealth**Surprise players with **new and fresh items**

Construct the (cost) system



What needs to be paid to acquire in-game resources?



TIME/EFFORT SOFT CURRENCY HARD CURRENCY

How much needs to be paid?

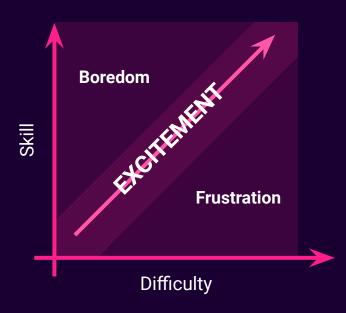
IT DEPENDS!

Just make it **CHALLENGING**, and not impossible



Modulate and adventure





Monitor players

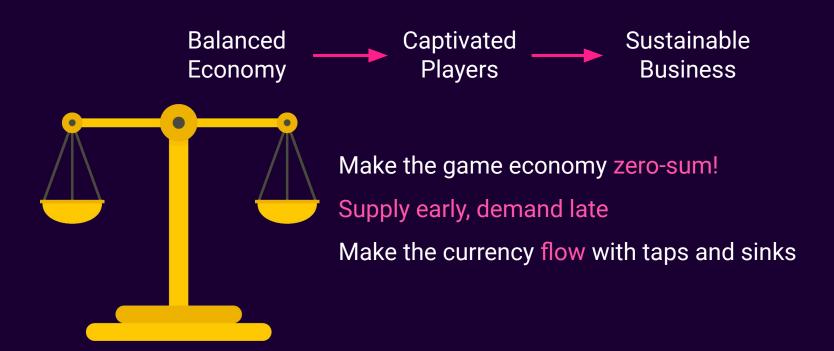
Use the power of data science

Fake rarity

Force equilibrium

Let players make decisions

Balance



Conclusion

BALANCE

Make sure the game is not boring or frustrating

The Ultimate Goal

Keep players coming back

Subgoals: Keep things

INTERESTING

CHALLENGING

EXCITING



INSPECT

Monitor and know the players

Design resources and cost systems and keep the game fun and fresh

Conclusion (contd.)

Economy is the science of <u>efficient allocation</u> of <u>scarce resources</u>.

Game Economy is the "science" of designing resources and efficiently fabricating scarcity.



References and more resources

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THANKS



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