RULEBOOK

THE MINING STANDARD

THE GAME OF RESOURCES



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| S | YMBOLS | | | | |
|----------|---------------------|---|--|----------|-------------------|
| = | EXPLORATION LICENSE | × | NO WAREHOUSE | A | RESOURCES |
| Q | GEOLOGIST | | UPGRADED WAREHOUSE | • | HASHTAG COIN |
| ± | WORKFORCE | | OFFICE | | DICE |
| * | MACHINERY | | NO OFFICE | | DEVELOPMENT CARD |
| Q | TERRITORY | • | UPGRADED OFFICE | 6 | STRATEGIC TARGET |
| Q, | EXPLORATION SITE | * | VESSEL | - | GOVERNMENT INCENT |
| K | ACTIVE MINE | • | UPGRADED VESSEL | * | REWARD |
| A | ROAD | M | FACTORY | Sp | SUPREMACY POINTS |
| | WATER PIPELINE | C | PHONE CALL | | REGIONAL SUPREMAC |
| | | | No. of Concession, Name of Street, or other party of the last of t | | |

EMACY POINTS NAL SUPREMACY (1) UPGRADE

RNMENT INCENTIVE

GUIDFLINES

OPTIONAL RULES: Rules marked with this symbol are **Optional**, and upon common agreement of the Players, may be included or ignored when playing the game.

NOTES: Remarks that will help you gain a **deeper understanding** of the gameplay mechanics.

TIPS: Useful **suggestions** to guide you through the strategic complexities behind different actions or mechanics.



INDUSTRY INSIGHTS: Notes appearing in dedicated sidebars located throughout the **Rulebook**. While not essential to learning the game, they provide **insights into how** the game's mechanics reflect the realworld mining industry.

OPENING REMARKS

▲ Congratulations on being among the very first to own and play ARDEVUR: The Game of Resources! This 1st-Print Rulebook (Version 12) may undergo changes in future revisions. For the latest updated version, visit our website.



△ This **Rulebook** is modular and adaptable. Before starting the game, choose a Game Mode, agree on Endgame rules, and enable or disable Optional Rules based on your group's preferences. Adjust the difficulty and explore different playstyles for a variety of gameplay experiences.

▲ Although some information in this Rulebook may seem obvious or unnecessary, this is a deliberate choice to thoroughly address most gameplay scenarios and reduce confusion from ambiguous or unexplained situations.

⚠ For consistency and style, the casual terms Dice and Dice Roll are used throughout this Rulebook, regardless of singular or plural usage.

△ The game's content, representing real places, locations, and mineral reserves, has been adapted to simplify the game mechanics, prioritising gameplay over strict

GLOSSARY 1

ASSET: A type of **Structure** that includes **Factories**, **Warehouses**, Offices, Vessels, and their Upgrades

WAREHOUSE

BANK: Place where Money exchanges with the Market happen, represented by the Market Organisers

COMPETITOR: An alternative term for an opponent or rival, commonly referred to as a Player

CONTINENT: The full playable area of either **Africa** or **Europe**

CORPORATIONS: The **Characters** represented by Players in the game

EXPLOITATION: The act of equipping a **Mine** for **Extraction** or activating it, marked with a Pickaxe

EXPLORATION: The first development stage of a **Mine**, marked with a **Magnifying Glass**

FEE: An amount paid or earned through Player interaction or the effect of a Card

GAME SETUP: The phase during which game components are organised on the table

GLOBAL SALE: The action of **Selling Globally** by **Exporting Resources** outside your **Continent**

INCOME: The amount of **Money** earned from **Selling Resources** or **Charging Fees**

INFRASTRUCTURE: A type of **Structure** that includes **Roads** and **Water pipelines**

LOAN: An amount of Money borrowed by making a Phone Call

LOCAL SALE: The action of **Selling Locally**, or **Selling Resources** to your Local Market, within your Region

MARKET ADVANTAGE: A Character ability that allows to Explore or **Exploit** a **Mine** without sourcing a specific **Development Card**

MARKET FLUCTUATION: A variation in the **Market Price** of **Resources** determined by a Dice Roll, also called Price Fluctuation

MARKET: Place where exchanges of Resources and Development Cards happen, represented by the Market Organisers

MARKET VALUE: Estimated or set price of Resources, Goods or Services, also referred to as Market Price

MONEY: The game's currency, also known as Money Bills, accumulated Capital or Cash

REGION: A zone within a **Continent**, consisting of **3 Territories**

RESOURCE OUTPUT: Amount of **Resources**, minerals or metals produced by a Mine

RESOURCES: Units of exchange in the game, metals or minerals also referred to as Resource Tokens

REWARD: Result of exchanging a **Strategic Target** or **Government Incentive Card**, also referred to as an **Effect**

ROUND: A full cycle in which every **Player** takes **1 Turn**

SETUP COST: The cost of building or upgrading a **Structure**

STORAGE: Space allocated for extracted **Resources**, which has a **Limit** that can be increased by building a Warehouse

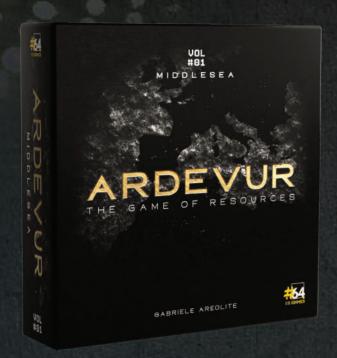
STRUCTURE: Any construction marker placed on the **Map**, comprising Mines, Assets, and Infrastructure

SUPREMACY: The strongest presence in a specific **Region** of the **Map**

SURPLUS: Any quantity of extracted **Resources** that exceeds the **Storage Limit**

TARGET GRID: A card holder that displays Strategic Target Cards

RULEBOOK: THE MINING STANDARD *



The **Mining Standard** is designed to enhance your experience with a mix of gameplay guidelines and insights into the dynamics of the modern mining industry.

This unconventional Rulebook makes the complex and deeply strategic process of building a mining supply chain accessible to everyone, helping players learn the game quickly and allowing them to experience the challenges of real-world mining from the safety of their living room.



"WHO OWNS THE RESOURCES, OWNS EVERYTHING"

In the 2020s, a global *Mining Fever* roars louder than ever. At the peak of the *Metal Age*, mining critical materials is no longer just about profit: it's a chase for supremacy.

The decade spanning 2014 to 2024 witnessed unprecedented technological breakthroughs across multiple sectors, such as Al and robotics, once again proving metals to be the backbone of human civilisation.



ABOUT THE GAME

In the asymmetric gameplay of ARDEVUR: The Game of Resources, powerful mining corporations with unique strengths and strategies go head-to-head in a volatile, demand-driven economic landscape.

With Africa and Europe at the heart of the action, this competitive strategy game focuses on mining and supply chain operations, resource management and economic expansion, turning the board into a high-stakes corporate showdown, a battle to meet global demand for critical minerals and dominate a turbulent market where every move counts.

Your growth and success depend entirely on your choices: explore new territories, extract and trade critical resources, grow your capital and invest in strategic assets, all in pursuit of Total Control.

SIMULATING MODERN MINING LIKE NEVER BEFORE

Inspired by the designer's real-world experience as a CEO in the mining and metals industry, ARDEVUR delivers a tense and engaging gameplay experience grounded in realistic market mechanics. The game challenges players to balance short-term gains with long-term investments and outmanoeuvre competitors to stay ahead.

ARDEVUR distils complex industry dynamics into an immersive and educational tabletop experience. While exposing the agendas of those who play the "Game of Resources", this game highlights the vital role of metal commodities in our tech-driven future.

COMPONENTS



TERRITORY CARDS



40

DEVELOPMENT CARDS



GOVERNMENT INCENTIVE CARDS



EXPLORATION / MINING SITE MARKERS

STRATEGIC TARGET CARDS



ROAD / WATER INFRASTRUCTURE MARKERS



WAREHOUSE / OFFICE MARKERS



UPGRADED WAREHOUSE / OFFICE MARKERS

MAP BOARD

360 PIECES, FOR A
360-DEGREE MINING
EXPERIENCE.



FACTORY MARKERS



SMALL VESSEL MARKERS



UPGRADED VESSEL MARKERS















STANDARD DICE









DELUXE UPGRADE

The **Deluxe Set** includes an **all-metal** upgrade that perfectly complements the Metal-Age setting of the game. It also features a limited edition of the artbook Total Control, which explores the hidden depths beneath ARDEVUR: The Game of Resources.







CUSTOM METAL DICE



TOTAL CONTROL (ARTBOOK)



METAL RESOURCE TOKENS

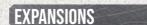


BAGS

[CRITICAL MATERIALS, QUALITY MATERIALS 🖘]

Hashtag 64 designed ARDEVUR: The Game of Resources to be more than just a game. Aimed at collectors and story enthusiasts, it was crafted as an artefact, carrying intricate, unrevealed concepts.

Given the central role of Metal in both the gameplay and lore, Metal was the natural choice, the only material that truly embodies and represents the concept.



In addition to the **Deluxe Set**, several **Expansion** components will be released to enhance the experience and introduce new gameplay options.



H64GAMES.COM

DISCOVER ALL AVAILABLE UPGRADES AND EXPANSIONS FOR ARDEVUR: THE GAME OF **RESOURCES!**

CORPORATIONS



G.R.E.A.T. MINING

Short for "Geological Resources Exploitation of African Territories", this Chinese-owned conglomerate is the world's largest resource and energy company. They are known for their aggressive market strategies and large influence across Africa. Several African countries benefit from their sizeable investments and contributions to the

residential communities. While GREAT's beneficial impacts may be remarkable, both the company's market practices aimed at acquiring critical assets and their pursuit for total control, arise concerns among their competitors and the interested iurisdictions.



MARKET ADVANTAGE

Can begin **Exploitation** of an explored Mining Site without the need for a **Workforce** Development Card.



Being the world's greatest power in mining and natural resources, GREAT has deep roots in numerous mining areas. Impacting on the development of local communities with infrastructure, comforts, benefits, employment, and professional training guarantees them quick and easy access to any number of qualified workers.

AFRICA MINING UNION

A consortium of African miners and stakeholders, the Africa Mining Union (AMU) joined together to safeguard market fairness and transparency, combat monopolies, and eliminate predatory practices. Designed to empower, coordinate, and welcome foreign investors to the African mining industry, **AMU** supports the sector by heading



a network of talented and educated professionals, which includes geologists, engineers, service providers, regulators, and investors poised to leverage their local and foreign connections to facilitate the access and development of lucrative mining regions.



Can begin **Exploration** on an unexplored Mining Site without the need for a **Geologist** Development Card.



AMU handles and regulates a large network of industrial service providers specialising in the mining industry. Specifically, they have prioritised access to geological survey teams spread across different mining regions, especially in Africa.



MACHINE CORP

Considered to be the world's fastest-growing and largest tech conglomerate, Machine Corp has expanded beyond the United States to gain a solid position in the critical materials supply chain, key to guaranteeing uninterrupted production of diverse technologies for both consumer markets and industrial applications. Their broad portfolio

consists of processors, batteries, vehicles, and robots, among other advanced technologies. Leading with innovations in both hardware and software, Machine **Corp** has made its strategic move to acquire assets in the mining supply chain and safeguard access to raw materials.



MARKET

Can begin **Exploitation** on an explored Mining Site without the need for a **Machinery** Development Card.



Machine Corp is the largest white-label manufacturer and supplier for industrial and consumer machinery, developing all sorts of high-tech devices and components to automate and enhance the efficiency of mining activities, among many other sectors and applications.

ARDEVUR COMMODITIES

A versatile multinational company headquartered in Europe, **ARDEVUR** is a true Jack-of-all-trades. They coordinate metal and mineral commodity exports through their global network of industrial partners. With extensive experience across all steps of the supply chain, ARDEVUR has the ability to adapt and react swiftly to market changes by optimising the international flow of critical materials to create stable and profitable trading pipelines.





MARKET ADVANTAGE Can begin **Exploration** on an unexplored Mining Site without the need for a **License** Development Card.



ARDEVUR maintains an international network of powerful contacts in the industry, making it the most flexible and agile company in the industry. They cut through the red tape of bureaucracy to easily obtain mining licenses and authorisations for their operation.

UNPREDICTABLE OUTCOMES

The unique abilities of each Corporation found on their Action Cards allow you to negotiate, disrupt, or gain tactical advantages over your Competitors!

Each Corporation also has its own benefits, traits, business style, and a permanent Market Advantage.

⚠ The unique Market Advantage of each Character is displayed on their Character Guide, with the respective **Icon** of the item or service they do not need to outsource.



GAME ELEMENTS

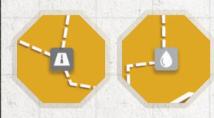
MAP BOARD

TERRITORIES 🕈

△ Pages 12-16 outline the features of certain game components, to help you recognise and read them correctly. Jump to page 18 for the game setup, and come back anytime, if you need any information.

MAP FEATURES

- ► Each Region has 3 Mining Territories (Q).
- ► Each Mining Territory (Q) has a different level of strategic importance (**Tier**): Gold (High), Silver (Medium), and Bronze (Low). Tiers differ in Exploitation Cost and Resource Output () potential.
- ► All African Regions require the setup of one or two Infrastructures (A), for the Mining Sites (K) located in them to operate without limitations.



- ► All European Mining Sites (人) can grant a Government Incentive () when exploited, if any are available.
- ▶ The seas around each **Continents** contain marine routes connecting different Ports. The routes act as slots for Vessels ().
- ► The adjacent Asian Regions are not playable in the Middlesea Edition.





- Requirements
- **Exploitation** Requirements
- Territory
- Required Infrastructure
- Tier (Gold, Silver, Bronze)
- Government **Incentives**
- Resource Output





RESOURCES 🚓

- ⚠ While Money (♠) has a set Market Value, the value indicated on each **Resource Token** is only an estimation. The exact value is only determined when the **Resources** (are sold to the **Market**.
- ▶ **Active Mines** (**<**) produce **△**, which can then be sold in exchange for their equivalent in **Hashtag Coins** (1), taking into account the multiplying effects of built Assets and Market Fluctuations.
- ▶ During the Extraction Phase, the ♣ output from the selected ≺ may be collected in any combination of Tokens to match the total value of the Output.
- △ For the sake of gameplay simplicity, the metals represented by the ▲ Tokens are not found at specific locations. In reality, each individual site would yield specific materials based on actual mineral reserves.
- ▶ 12x ZINC (2 Million (1))
- ▶ 10x NICKEL (8 Million (1))
- ▶ 10x COPPER (4 Million (1)
- ▶ 8x GOLD (16 Million (1))





In the Game of Resources, as in the real world, the extracted materials must be sold and rotated quickly. Stocks must be emptied to quarantee a quick turnover, cash flows, and an active economy in the industry. For this reason, the volume of resources that can be collected and stored by players is limited in the game. The estimated value assigned to a single token is proportional to the market value of the game resources in the real world. The approximate value of each mineral is based on the following:

ZINC

Zn 500 Ton

Used primarily for metal corrosion protection and employed in emerging battery technologies.

Cu 500 Ton

A key conductor in electrical systems and an essential for electric vehicles, robotics, and infrastructure for renewable energy generation and grid electrification.

NICKEL

Ni 500 Ton

Critical for high-energy electric-vehicle (EV) batteries and environmentally-friendly technologies, enabling energy storage and durable materials for the green transition.

GOLD

Au 250 Kg

Found in advanced electronics, robotics, EVs, and renewable energy systems because of its conductivity and stability.

Industry success depends entirely on strategy rather than pure luck. In the Game of Resources, the Dice reflects real-world dynamics involving unforeseen events such as market fluctuations and situations with unknown outcomes, like an

💌 NEGOTIATION DICE 🥸 🔻

The **Dice** (**(**) is used for the following events:

- ▶ Deciding who begins the Game: The Player who rolls a 64 chooses a Corporation and starts first.
- ▶ Bidding in an Auction: The Player who rolls a 64 chooses a Territory (♥) Card up for auction. The Auction continues until each Player has chosen 2 Q Cards.
- ▶ Determining the sale value of ♣: Rolling a 64 in a sale doubles the Market Price. Vice versa, rolling a 2 cuts the **Income** in half.
- Determining the effects of specific Action Cards: Rules may vary based on the instructions on the Card. Ba



"ROCKS AND ROLLS"

- For Rolls requiring a 64, Players continue to roll until a 64 appears.
- For Rolls based on the highest roll, the highest number rolled wins (or its equivalent symbol on the **Deluxe** (2)).
- ▶ When 2 or more Players roll a 64 (or the same highest number) in the same **Round**, they must continue rolling to determine a winner.
- 🗹 A **Player** rolling a "#" (**Deluxe 🕸 only**) has the right to roll again.

DICE CONVERTER

Use the Dice Converter as a reference when rolling the Deluxe Dice (4).



CURRENCY

Invest HTC (1) to:

- ► Explore and Exploit a Mining Site (人)
- ► Set up Infrastructure (A 🌢)
- ► Acquire and Upgrade (♠) Assets
- ▶ Pay Fees for different Actions









Hashtag Coin () is a virtual currency backed by physical metals. Large corporations use it to acquire mining sites and pay for commodities. They also manipulate its value for their own advantage in order to gain control through cheap acquisitions. The coin's strong influence also weakens certain national currencies, which are as unstable as virtual ones for relying on debt and not being backed by physical stocks.

ACTION CARDS

UNITY = STRENGTH

1 Secure a temporary thership to share profits

Choose and announce Competitor: Get half of their earnings each time they sell, until they roll a 2.



1 Thematic explanation

2 Effect

When to use

The unique abilities of each **Corporation** are reflected by their **Action Cards**, which allow you to negotiate, disrupt, or gain tactical advantages over your **Competitors**!

Each **Corporation** also has its own benefits, traits, business style, and a permanent **Market Advantage**.



त्व क्ष

Metals are at the core of most industries the future of humanity depends on. High-stakes environments like the critical minerals market are ruthless. Large conglomerates fight for more than just profit, and there is nothing they would not do to achieve Total Control.

STRATEGIC TARGETS &



4 Target (6)

5 Reward (★)

6 Supremacy Points (s)



Target Cards (**6**) are the milestones of your path to **Supremacy**. The faster you achieve your targets, the closer you get to victory.

The order they enter gameplay changes with each game, shifting priorities and refocusing all **Competitors**.





In the unforgiving mining and metals market, everyone competes to act first and gain the most from each opportunity that emerges. Those who can seize the moment and plant their flag, will gain a competitive edge in their pursuit of **Total Control**.

* GOVERNMENT INCENTIVES ►*



7 Reward (★)

8 Supremacy Points (sp)





Cr XX

Forward-looking governments support the industrial endeavours of bold mining corporations. This mutually beneficial relationship brings prosperity to several regions by stimulating national economies, creating jobs, and generating wealth for local communities. Government funds are however often limited, rewarding the fastest corporations to make a move.

CHARACTER GUIDES

Quick two-sided guides allowing **Players** to check turn structure, asset effects, requirements, prices, and the scoring system.



> SIDE A

Corporation's Market
Advantage, Asset and
Upgrade (*) Prices,
Infrastructure Prices and
Benefits, Point Scoring
Parameters.



> SIDE B
Turn Phases, Asset
Benefits, and Effects.

GAME SETUP

> "TABLE FOR FOUR?"

☐ Try the **4-Player** gameplay for the full experience!

Before setting up the table, follow this scheme and remove *Cards* from the game based on the number of *Players*:

| CARD | TOTAL | 2222 | 4.0.0 | * |
|------------------|-------|------|-------|----------|
| @ 1 > w C | 18 | 18 | 15 | 11 |
| License 🖥 | 2 | 2 | 2 | 1 |
| Geologist 🗣 | 2 | 2 | 2 | 1 |
| Machinery 🌣 | 2 | 2 | 2 | 1 |
| Workforce 📇 | 2 | 2 | 2 | 1 |
| Warehouse 📾 | 2 | 2 | 1 | 1 |
| Office 🛎 | 2 | 2 | 1 | 1 |
| Vessel 🍜 | 2 | 2 | 1 | 11 |
| 6 3 3 | 40 | 18 | 15 | 12 |
| Bronze Targets | 16 | 9 | 6 | 6 |
| Silver Targets | 14 | 6 | 6 | 3 |
| Gold Targets | 10 | 3 | 3 | 3 |
| + | 6 | 3 | 2 | 1 |

☑ Discarding **Cards** is a recommendation and it is not mandatory. However, it will allow you to reach the **Endgame** faster (less **⑤** to complete) and to keep the necessary scarcity of that tightens the **Player**'s ability to **Build** and **②** without limitations.



- 1 Place the Map Board in the centre of the table.
- 2 Insert the **Target Grid** into its slot on the **Market Organiser**. Then place the two Market Organisers next to each other at the top edge of the **Map Board**.

Alternatively, place one **Market Organiser** at the top and the other at the bottom of the board.

- ⚠ The Market Organisers are referred to as the "Market". When players take or return items to the Organisers, they are interacting with the Market. For Money, the term "Bank" is used instead.
- 3 Sort the **Cards** by colour (**Bronze**, **Silver**, **Gold**) and shuffle each deck separately, without seeing them.

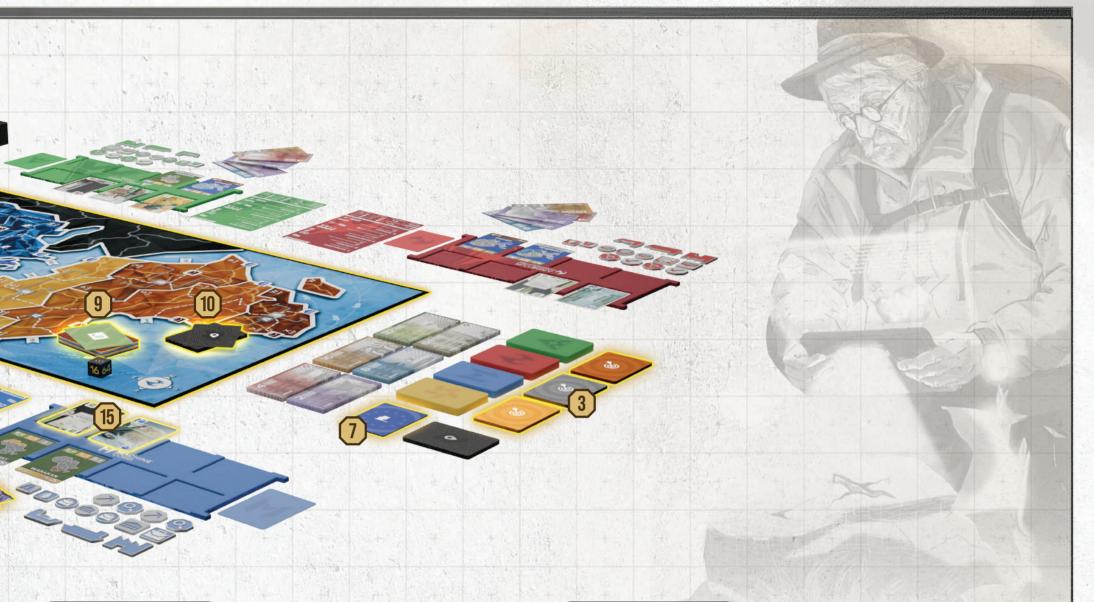
Then, divide each colour deck into **3** equal piles, and place them uncovered in the **Target Grid**, with **Bronze** in the bottom row, **Silver** in the middle, and **Gold** at the top.

In each slot, the first card shall cover the pile underneath.

- Arrange the **Money Bills** into the designated slots in the **Market Organiser**, sorted by denomination (from **2** to **64 Million (fig. 4)**).
 - \bigcirc Put the **1 Million** \bigcirc Bill in the box: it's useless, you won't be able to pay with it!



- Place the ▲ Tokens vertically in their 4 designated slots, ordered by value from Zinc, 2 Million (1) to Gold, 16 Million (1).
- 6 Sort the **Action Cards** by colour, shuffle each deck separately, and place them in covered position in their 4 designated slots, in this left-to-right order:
 - **▶** GREAT Mining
 - ► Machine Corp
 - **▶ ARDEVUR Commodities**
 - ► Africa Mining Union
 - ♀ The order of the Corporations is not random!
- 7 Place the **Cards** in any empty slot or available space.
- (8) Choose an empty slot in the Market Organiser to use as a Discard Pile.
- 9 Shuffle the # and place the deck face-down at the centre of the Map Board, ready for the Beginning Phase.
 - △ To keep the distribution neutral, let another player split the deck. This prevents players from predicting card distribution based on their appearance on Side B.
- Shuffle the **Q** Cards and place them face-down at the centre of the **Map Board**, ready for the **Auction**.



* GAME MODES

- Before starting the match, choose a **Game Mode** that fits your group's preferred level of difficulty and player interaction.
 - **A STANDARD:** Follow the full ruleset, without any variations.
 - **B FAIR PLAY:** Play without **Action Cards** for a less-tense experience, also accessible to casual players!
 - ⚠ In this mode, also remove any **© Cards** that can only be obtained using **Action Cards** before shuffling the deck.
 - CLASH OF TITANS (*BETA*): The Action Card limit increases from 2 to 4, and players automatically gain 1 Action Card every time they perform a ♣ Extraction.

In this mode, **Players** collect **Action Cards** without using their **Strategy Phase**, and have a broader choice of actions.

- As each **Action Card** base-deck contains **16 Cards**, the decks should be exhausted within a maximum of **64 Turns**.
- ☐ This mode works best with **Expansion** packs containing additional **Action Cards**, and the aggressive use of the Cards may prolong the gameplay time.
- ☑ **CUSTOMISE YOUR GAMEPLAY:** Rules marked with this symbol are **Optional**. You can add or remove them before the game begins.
- **Q** Recommendation: Use all **Optional Rules** for the full experience!

* BEGINNING STAGE *

- (12) Give each player an initial Capital of 32 Million (1).
 - \triangle Recommended bill distribution per player: $2 \times 2M + 1 \times 4M + 1 \times 8M + 1 \times 16M$
- 13 Players roll the . The first to roll a 64 chooses their Corporation and collects the corresponding Corporate Dashboard, set of Structures and Character Guide.

Then, all remaining **Players** roll again. The highest roll selects their **Corporation** next, continuing until all **Corporations** are chosen. In case of a tie, the players with the highest number roll again. You may also assign **Corporations** randomly, if all players agree.

- Choose your Corporation well they offer different competitive advantages and playstyles!
- Each player draws 1 Action Card from their chosen Corporation's deck and places it face-down next to their Dashboard.
- Deal 2 Development Cards per Player, one at a time, in clockwise order. Players place their Cards face-up in the designated slots on their Dashboards, discarding any duplicates back to the Market. Remaining are placed in the Market Organiser, grouped by type.
 - ⚠ The maximum number of 💮 you may hold is 4 (based on your **Dashboard** slots), and no duplicates are allowed. Your **Corporation**'s **Market Advantage** also counts as a 💏, and prevents you from owning a duplicate of that card.

LAUNCHED START (*Beta*): Short on time? Use the Launched Start to skip the Auctions and receive 4 random **Q** Cards. Randomly place an **K** marker on one of the 4 **Q** received.

Attention: This mode may be faster, but may not deliver the full strategic experience!

PUBLIC AUCTION

All **Corporations** are now invited to join a **Public Auction** to obtain **Mining Permits**.

1ST ROUND

Uncover as many **Q** Cards as the number of **Players**, placing them at the center of the **Map Board**.











All **Players** roll the . The **Player** with the highest number (or its corresponding symbol in the **Deluxe**.) picks a . Card from the revealed ones, and places it face-up in the first slot of their **Dashboard**. A new . Card is now revealed to replace the picked one.



⚠ If 2 or more **Players** roll the same highest number, they must roll again to determine a winner.

This process is repeated until each **Player** has **2 Q Cards**. Players who already have **2 Q** no longer bid in this **Auction**.

At the end of the **Auction**, shuffle the deck and place it in any empty slot of the **Market Organiser**.

▲ The duration of Initial Setup, Beginning Stage and 1st Auction Round is approximately 15 Minutes.

2ND ROUND

A **2nd Round** of **Auction** can be called later in the game, by any **Player** and at any time before beginning their **Turn**, under the condition that each **Player** already has at least **2 Active \(\subsete \)**.

The **2nd Round** works exactly like the **1st Round**, and ends when all **Players** have **4 Q Cards**.

- ▲ Players who have obtained a 3rd Territory Card before the 2nd Auction can only bid for 1 additional Q.
- △ Conversely, **Players** who have lost **1 Territory Card** before the **2nd Auction** can bid for **3** additional **Territories**.
- When the **2nd Auction Round** starts, all **Development Cards** return to the **Market**. Then, **Players** roll the dice and the winner picks **2 Development Cards**, followed by the others in their **Turn** order.



> LIMITATIONS

You can hold more than **4 Territory Cards Q**, (as a result of using an **Action Card**), but you cannot manage more than **4 Active Mines Acti**

> MONOPOLY PREVENTION

According to the **Anti-Monopoly** Rule, no **Corporation** may own and control all **3 Territories** \bigcirc within a single Region during a match. This restriction can only be bypassed through the use of a special **Action Card**. Also during an **Auction**, **Players** are not allowed to bid on a \bigcirc that would grant them complete **Supremacy** (all **3 Territories** \bigcirc) in a single **Region**.

० ध्

Mining permits are awarded through public auctions, usually on a yearly basis. They are the point of start for corporations to begin exploring new territories.

THE GAME
CAN NOW BEGIN.

GAME SUMMARY

In the 2020s, 4 Corporations clash for control over critical Resources. Players plan their moves by booking goods and services, exploring Territories, building Infrastructure, and equipping their Mines for exploitation. Once mining operations are running, Resources are extracted and stored, then sold for Hashtag Coins at fluctuating prices.

Profits are reinvested into supply chain Assets like Warehouses, Offices, and Vessels to reach Strategic Targets and earn Government Incentives, granting Supremacy Points. As players grow, they must defend against their Competitors, while executing tactical strikes. Strategic Targets can then be exchanged for Asset Upgrades to enhance Warehouses, Offices, Vessels, or building Factories. Success depends on completing Strategic Targets, building and upgrading Assets, accumulating wealth, and dominating Regions.

The player with the most Supremacy Points at the Endgame achieves Total Control.

METAL IS PART OF NATURE, AND SO ARE MACHINES.

TURN STRUCTURE

⚠ For a Quick Start, begin by memorising the main structure of gameplay. Then, go step by step through the rules and mechanics applying to each action.

Once all Corporations have collected 32M (1), 2 , 2 Cards, and 1 Action Card, the Player who rolled a 64 in the Beginning Stage starts playing.

Each Turn consists of 4 key Phases:

- **1** EXTRACTION
- 2 STRATEGY
- **3** DEVELOPMENT
- 4 REWARD

Cu (1)3

- ▲ A summary of the **Turn Structure** is found on **Side A** of your **Character Guide**, along with the acquisition and upgrade costs for all **Assets**. The **Scoring** system is detailed on **Side B**.
- ⚠ **The order of the Phases cannot be changed!** If you skip a Phase and move directly to the next one, you lose the opportunity to perform the skipped action. If no actions are possible during a Phase, you must skip it.

COMPETITIVE ACTIONS &

You may use 1 Action Card per Turn, at any point in yours or your Competitor's Turn, based on the Card's instructions. See the USE ACTION CARDS Section for the full details.

TURN PHASES

1 EXTRACTION

At the beginning of each Turn, gather from one or more of your , based on the **Resource Output** shown on your **Q Cards**.

☑ Skip this Phase if you have no **人**.

Store the collected \triangle onto the **Q** Cards of the Mines they have been extracted from.

- > "TELL ME BABY, WHAT'S YOUR STORAGE?"
- ⚠ You can only collect as many ♠ as your Storage Capacity allows (See Character Guide). However, even with your Storage full, you may still Extract the Surplus you cannot store and Sell it Locally for half its Market Value.
- When you Sell Locally, any Competitor who owns a m in the same Region as your has priority to purchase your Surplus at half price. If they refuse to buy or cannot afford it, the are sold to the Market in exchange for Money from the Bank.
 No Roll is required for this action, as this sale is not affected by Market Fluctuations.

Au (i)

▲ Your total **Storage Capacity** refers to the maximum amount of ♣ you can store (See **Character Guide**). However, there is no limit to how much of that total can be stored in a single ♀.

> "DIGGING DEEPER"

You can improve your *Extraction* capabilities in several ways:

► STORAGE INCREASE: Build a to double your Storage Capacity. your to quadruple it.



► SIMULTANEOUS EXTRACTION: Build an to Extract from 2 in the same Continent simultaneously. your to Extract from 3 in any location at the same time.

Fe (i)

► MINERAL PROCESSING: Build a to get additional 16M worth of A from the Exploitation of your \(\) located in a single Region.

Competitors with **〈** in the same Region may seemingly benefit from your **★**'s processing services during their **Extraction Phase**, but must pay **8M in** ♣ each time they use it.



► INFRASTRUCTURE: Some ② require the installation of a ▲ or a ③ Pipeline. See the Infrastructure Section for details.



Setting up a mining operation is a complex process that begins with a solid strategy and the right connections, including contractors, suppliers, and institutions. After securing permits and identifying valuable mineral deposits, an extraction plan is developed. With positive results and infrastructure in place, the mine is then equipped for exploitation and permits are issued, marking the start of the operations. Once active, the mine begins generating income through resource extraction and export, to recover the initial investment.

Profits can then be reinvested into supply chain integration strategies, such as building a port warehouse, expanding the local administrative centres, improving maritime logistics, and establishing a processing plant to boost product value. These steps help meet strategic targets, gain institutional support, and pave the way for further mining and supply chain expansion.

Au Xi

Owning a warehouse in a mining region is a relatively low-cost way to generate income and exert local control. In many real-world cases, the lack of infrastructure combined with limited cash flow pushes small miners to sell locally at a reduced price rather than exporting overseas, avoiding the countless risks along the supply chain and price fluctuations aggravated by long transit times.

Mines must continuously sell extracted minerals to maintain a healthy cash flow. Stockpiles need to be emptied regularly to ensure a quick turnover and operational sustainability. As such, the amount of resources that can be stored is limited by both physical space and financial strategy. Owning larger storage facilities becomes effective only when supported by consistent income, allowing corporations to retain greater volumes and sell them strategically to run leaner operations.

Fe 🗱

A regional office can greatly improve operational control and efficiency, especially across geographically concentrated assets. By coordinating multiple Mines at once, you increase output, reduce delays, and gain key logistical advantages.

Sb 🞇

Mineral processing facilities near extraction sites can significantly increase profitability by removing impurities and reducing dead weight. This step outputs a cleaner product, which can be exported at lower logistic costs and reach a higher market value thanks to its higher grade and reduced downstream refining costs.

TURN PHASES

2 STRATEGY

After the **Extraction Phase**, perform 1 of the following actions:

- 1. Pick 1 or 2 Development Cards, returning any extra Cards exceeding the limit of 4 back in the Market.
- $\overline{\mathbb{Q}}$ Limited availability of goods and services, not enough cards for everyone to pick at the same time? That's how the market really
- △ You may hold a maximum of 4 🚔 at any time. Duplicate 🚔 are not allowed.
- ⚠ Your Corporation's Market Advantage also counts as a # and prevents you from owning another identical card. To acquire new while already holding 4, pick new Cards and immediately discard the excess.

- 2. Draw 1 Action Card from your Corporation's deck, discarding any Cards exceeding the limit of 2.
- 3. Pick the Card, which adds to your existing number of temporarily, but cannot be stored and must be used during the same Turn.





Pb (i)

Planning is as important as acting. The only way to gain a competitive edge is to choose the right strategy and act faster than your rivals. "Play your cards right" is more than just a saying here.

DEVELOPMENT

After defining your short-term plans, it is time to focus on developing your operations. During the Development Phase, perform 1 of the following actions:

🛮 A. DEVELOP A MINING SITE 🏻 🕫

- ▶ STEP 1 EXPLORATION: To explore your ②, use the 🗐 and ❷ (Development Cards) collected during the Strategy Phase by returning them to the Market. Pay the Exploration Cost indicated on your **Q** Card and mark your **Q** on the Map with an Exploration Marker.
 - ⚠ **Explored Mines** do not generate ♣, and must be equipped for Exploitation.





- ► STEP 2 EXPLOITATION: If your **Q** is already marked as an Q, , you may use the 🚊 and the 🌣 (Development Cards) collected during the Strategy Phase, then move forward and equip your \(\) for **Exploitation**. Pay the **Exploitation Cost** displayed on your **Q** Card, return the to the Market, and mark your **Q** on the Map with a **Mine Marker**.
 - △ Your K is now Active and can produce ♣ during the **Extraction Phase**, starting from the next **Turn**.



> "WHAT IS YOURS, IS MINE"

- △ Activating a Mine takes 2 Turns. You cannot perform STEP 1 and STEP 2 in the same Turn.
- △ Use the Market Advantage displayed on your Character Guide. For instance, **Machine Corp.** can activate a without needing to acquire 🗱!
- ▲ You may hold more than 4 ♀ Cards, (e.g. using an Action Card), but you cannot manage more than 4 1 simultaneously.





B. BUILD INFRASTRUCTURE 🐵

Despite being highly-rewarding in terms of Resource Output, African Territories require the setup of Infrastructure to operate at their full potential.

To build Infrastructure in an African Region, use the A or . (Development Cards) collected during the Strategy Phase by returning them to the Market. Pay the Setup Cost indicated on your **Q** Card and mark the selected **Region** on the Map with a **A** or Marker.



While "Exploration" refers to the act of surveying a mining permit to establish the feasibility of a mining operation, "Exploitation" is the actual extraction of minerals after discoverina and evaluating a viable deposit. This process involves steps such as drilling, blasting, crushing and treating, to prepare the minerals for the market. In most countries, a mine must submit its exploration study and obtain authorisation to exploit before beginning operations.



Managing an industrial mining operation demands time, an experienced team, and significant capital. Managing too many mines at once is therefore a challenge requiring long-term structuring.

> "ALL ROADS LEAD TO PORTS"

- △ Your **<** can **Extract** and store **△** without being connected to a **A**, but you cannot sell those **A** until a **A** has been built.
- △ Selling your ♣ without a ♠ **Pipeline** will result in **half** the expected Income.



- △ You are allowed to build **up to 2 distinct Infrastructures** in any African Region, even if you do not hold any other Mining Territories or Assets there.
- ⚠ You can only build and maintain a maximum of 2 Infrastructures across Africa. To set up another Infrastructure beyond this limit, your must dismantle one of your existing Infrastructures and reuse its **marker** during the same **Development Phase**. This action requires a new A or A Building Permit (Development Card).
- ⚠ Infrastructures are not classified as Assets. They fall under the broader category of Structures.

> "BE A GOOD NEIGHBOUR"

⚠ Each time a **Competitor extracts** ♣ using your **Infrastructures**, you may claim a 2M () Fee. If they lack sufficient liquid Money, they may pay with \triangle instead. Conversely, you must pay this **Fee** when using **Competitors' Infrastructures** during your **Extraction Phase.**



C. ACQUIRE ASSETS

Once your **Mining** operations are up and running, it is time to optimise and invest in your supply chain. To acquire or build a specific **Asset**, use its corresponding **Building Permit** () collected during the Strategy Phase. Return the Card to the Market and pay its Setup Cost. For costs and benefits of each Asset, refer to your Character Guide.

- ▶ Port Warehouse m
- ► Regional Office 🛎
- ► Small Bulk Vessel

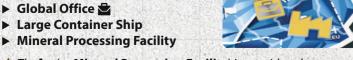


D. UPGRADE ASSETS

As your market presence and capital grow, you will become able to upgrade your **Assets**, acquiring the capability to handle larger volumes of A, operate multiple Mining Sites simultaneously, generate income by leasing your own logistics infrastructure to third parties, and improve the quality and value of your 📤 before exporting.

Just like building a new **Asset**, upgrading an existing one requires a Building Permit Card and the payment of the Cost displayed on your Character Guide. High-Tier Assets include:

- ► Large Port Warehouse m
- ► Global Office 🛎
- ► Large Container Ship



⚠ The [44] (or Mineral Processing Facility) is considered an Upgraded Asset due to its high setup costs and substantial benefits. It cannot be built in a Region where you do not have at least one K

⚠ To upgrade your **Asset**, you must first collect **《 Cards** or **Cards** during the ★ **Phase**. You can then spend these **Cards** in exchange for the * displayed on them, converting them into **Asset Upgrades**. See the **REWARD Section** for more details.

> "MONEY...TO GET AWAY"

Redeeming the ★ on **《 Cards** and **Cards** is the **only** way to upgrade Assets at their Market Price. For alternative ways to upgrade Assets, see OPTION #1 under the MAKE A PHONE CALL Section.

- ☑ In FAIR PLAY MODE, upgrading an Asset does not require exchanging a Card, and comes at the standard Market Price.
- ⚠ You may only acquire or develop as many Mines, Assets, and Infrastructure as your Structure Markers and Dashboard slots allow. Exceeding these limits would make operations unmanageable for your **Corporation** in the short term.

E. MAKE A PHONE CALL **

A **Card** collected during the **Strategy Phase** may be used during the same **Turn** to substitute any required # or to manipulate the & Cards on the Target Grid.

⚠ The **Card** is picked as an alternative to picking **2** and cumulates with the other 💮 on your **Dashboard**. At the same time, it cannot be stored across multiple **Turns**. If unused, it is automatically discarded and returned to the **Market** at the end of your **Turn**.

> "CALL ME ANYTIME"

- ▶ OPTION #1 INVEST: Use the 📞 Card to substitute a 🌞 or a **Card** in the **Development Phase**, paying **double** the standard **Cost** to complete your investment.
 - ♀ To build a ♣ worth 32 Million ♠ without a Building Permit Card, make a and acquire it for 64 Million (1).
 - If you are missing the **Card** required to upgrade an **Asset**, you can use the **Card** and pay **double** the **Market Price** displayed on your **Character Guide** to complete the **(1)**. This mechanic encourages Players with a substantial **Capital** at disposal to invest aggressively, paying twice the market price to bypass the waitlist and keep expanding.

Nb {i}

- ▶ OPTION #2 SHIFT: Alternatively, use the **Card** during the **Phase**, to remove a **Card** from the **Target Grid** at no cost (See the REWARD Section).
 - ♀ Use the **、** to uncover a new **《** if you believe you won't be able to collect the current one anytime soon, or to disrupt a **Competitor**'s plan by removing a **Target** they are pursuing.
- ▶ OPTION #3 BORROW: In extreme situations where you lack the Money for your next investment and cannot move forward, you may use the **Card** to take a **Loan** for the **exact amount** needed to complete your action. You must repay double the borrowed amount to the Bank as soon as you have sufficient
 - △ Using the **** to take a **Loan** does not consume your available actions.



European mining regions often benefit from easy access to key infrastructure. In contrast, investing in Africa's richest and most remote areas comes with additional challenges: building roads to enable large-vehicle access and transport goods to ports, or establishing water links that allow to clean minerals from impurities. This processing increases market value and reduces transportation costs, at the same time.

Although holding immense mineral reserves, some mines remain unexploited due to limited access to water or electricity, harsh climate conditions, safety concerns, and other factors evaluated during the pre-feasibility study conducted in the exploration phase.

Remote mining regions flourish when multiple investors develop them concurrently. Infrastructure development not only facilitates transportation but also provides local communities with access to essential services such as supplies, healthcare, education, employment, training, and more. Newcomer mining corporations who benefit from infrastructure built by earlier investors are expected to contribute to its upkeep, ensuring shared prosperity for both the inhabitants and ongoing mining operations in the region.



Investing in integrated operations along the supply chain leads to consistent savings. Local Offices enable you to manage regional activities with higher efficiency and reduced risk. Strategically located Warehouses optimise logistics and grant access to third-party mineral stockpiles in the surroundings, which can be often be acquired at very competitive prices. Investing in naval freight can also delivery significant advantages, cutting the costs of leasing cargo space on third-party Vessels.



In the **Game of Resources**, the combination of money and powerful connections can make anything happen...same as in the real world.

TURN PHASES

F. SELL RESOURCES

If you have invested most of your Money in developing your Mines, begun Extracting and are about to fill up your Storage Space, it's time for you to Sell your and to perform a Sale, deposit the



Resource Tokens into the Market Organiser, and pick up their equivalent in **(f)** Bills.

- ▲ You may sell all the ♣ in your stockpile as a single action.

 However, different rules apply to ♣ sold from each individual

 Mine.
- You sell collected from 2 . The first Mine sells its at full Market Price. The second Mine, which lacks a Pipeline, sells its at half their Market Value.
- ▶ OPTION #1 GLOBAL SALE: Sell your entire stock of ♣ at the Market Price, rolling the � to determine Price Fluctuations.
 - All exported A, regardless of which Mine they are sold from, are subject to the same Market Fluctuations, determined by a Roll at the time of sale. Rolling a 64 doubles the Income of the sale, while rolling a 2 cuts it in half.
 - ▲ You cannot Build (or perform any other action in your Development Phase) and make a Global Sale at the same time.



- ▶ OPTION #2 LOCAL SALE: Sell your entire stock of A for half its Market Price, but without any risk or logistical complications.
 - ⚠ The main advantage of this option is the ability to **Build** (or perform any action in your **Development Phase**) and make a **Local Sale** during the same **Turn**. Another benefit is the possibility to continue **Extracting** ♣, even when your **Storage** is full, by selling any **Surplus** to the **Local Market**, instead of skipping the **Extraction Phase**.
 - ▲ Action Cards have no effect on low-risk Local Sales, which cannot be disrupted.
 - △ Selling your ▲ locally does not allow you to use your own to increase your **Income**.





> "DO YOU WANT TO MAKE A DEAL?"

- When you **Sell Locally**, a **Competitor** who owns a **m** in the same **Region** as your **Mine** has **priority** to purchase your **♣** at **half price**. If they refuse or are unable to buy, the **♣** are sold to the **Market** in exchange for **Money** from the **Bank**. No **♣ Roll** is required for this action, as **Local Sales** are not affected by **Market Fluctuations**.
- This operation benefits both parties. The Seller, who is Extracting but unable to store additional ♣, still earns Income. The Buyer, who purchases ♣ at half price, can resell them at a later time for profit, starting from the following Turn.



> "I WANT IT ALL"

There are several ways to increase the direct **Income** from your sales (See your **Character Guide**):

- ▶ A ♠ Pipeline allows you to sell ♣ at full Market Price.
- ► A reduces marine shipping costs and **doubles** your sales **Income**.
- ► An also generates an additional **32M** per sale from leasing its extra cargo space.
- ▶ Rolling a 64 during your Global Sale doubles your Income, representing a moment when Market Fluctuations are most favourable.
- ► Ø and earned at the end of a Turn may be exchanged for Rewards that grant additional sums of Money.
- ⚠ Any Income bonuses from your Assets, their Upgrades, your Infrastructure, or the Action Cards you use, that are not directly related to the sale of ♠, are not affected by Market Fluctuations. For example, the sum of 32M ⊕ earned from your ♣ is the effect of cargo leasing, and remains fixed regardless of ♠ Rolls.

> "LET'S SPLIT IT"

⚠ In the maths of the **#64 Universe**, odd numbers are irrelevant. If your expected sales **Income** of **10M** ⊕ is cut in half due to a bad ♠ Roll, you round up to the nearest **Even Number**, collecting **6M** ⊕ instead of 5M.



Exporting your stock of resources without fixing the price with your buyer is a gamble. While the market may swing in your favour, you may also end up earning less than your initial forecasts, and potentially not even covering your operational costs. Moreover, the logistics involved are labour-intensive and timeconsuming, often pulling attention away from your expansion plans and core development activities



Selling a stock of minerals locally, without managing the logistics, is the typical choice of small-scale miners: quick, safe, and effortless. It allows operations to continue uninterrupted while your mine keeps producing and generating modest Income. By selling at a lower price to other competitors, you may benefit them. In turn, you boost your own efficiency, reinvesting sooner and advancing faster towards your long-term goals. Freed from export burdens and hassles, you can focus on growing and refining your supply chain.



Buyers will not be able to access a mine with heavy vehicles to collect stock and take it to ports, unless proper road infrastructure is connected to the site.



Owning a warehouse in a region with small or scattered mining activity is a relatively low-cost solution to generate profit and exert local control. In such areas, the lack of infrastructure combined with limited cash flow pushes small miners to sell locally at a reduced price rather than exporting overseas, avoiding the uncountable risks along the supply chain, and price fluctuations aggravated by long transit times.

4 REWARD ★

At the end of your **Turn**, you may collect either 1 *⑤* or 1 **n** as a ★ for an accomplished task.

Strategic Target Cards

Government Incentive Cards

Alternatively, you can use your action to exchange a previously collected **Target** or **Incentive Card** for a \bigstar .



STRATEGIC TARGETS & 🕫

All **Corporations** compete to reach same \mathscr{G} , which grant $\overset{\bullet}{\bowtie}$ needed to win the game, and can be later exchanged for the $\overset{\bullet}{\bigstar}$ shown on them.

If you meet the conditions displayed on a **Card**, claim it at the end of your **Turn**, before your **Competitors** do.

- ▶ **Bronze:** Simple tasks with small rewards.
- ▶ **Silver:** Achievable tasks with bigger rewards.
- ▶ **Gold:** High-difficulty goals with game-changing bonuses.



> "ASKING FOR THE MOON"

☑ In **FAIR PLAY MODE** only, if you encounter a **②** that cannot be collected without playing an **Action Card**, you may simply remove it from the **Target Grid**.

⚠ If all Players unanimously agree that a 🍪 is unachievable, it can be removed from the **Target Grid** without making a 📞.

> "TARGET CALLING"

Alternatively, you may use a **Card** collected during the **Strategy Phase** to remove a **from the Target Grid**.

You use this ability to unveil a new ⑤, either when you can't collect any ★ at the end of your Turn, or to disrupt a Competitor's plan to claim a specific Target.

GOVERNMENT INCENTIVES 🏲 💩

read to the claimed during the ★ Phase, after equipping a European Mine for Exploitation. Just like ﴿, Incentives grant ﴿, and can be exchanged for the ★ shown on the Cards.

⚠ The number of issued **Incentives** is limited, so not every **Mine** developed in **Europe** can benefit from receiving one.

♀ You **may not claim** both a **ℰ** and a **►** in the same **Turn**. You must choose only one.

REWARDS ★ ®

Alternatively, instead of collecting a **Target** or **Incentive Card**, you may exchange one of your existing **Cards** for the ***** shown on it.

To exchange a **Card** for its \bigstar , you must discard the **Card** and spend its \bigstar .



- \triangle If you use the \bigstar displayed on a **Target** or **Incentive Card** to complement an action (such as **Upgrading an Asset**), claiming the \bigstar does not cost any additional actions.
- ☑ In **STANDARD MODE**, exchanging **Target** and **Incentive Cards** is the only way to ⑤ your **Assets** without making a ****
- ☑ In **FAIR PLAY MODE**, **Upgrading an Asset** does not require exchanging a **Card**, and can be done by paying the standard **Market Price**.

TRUE POWER LIES NOT ABOVE,
BUT HIDDEN BELOW. FOR NEITHER
KINGDOM NOR MACHINE WOULD
HAVE COME TO BE, HAD THE METAL
THAT FORGED MAN NOT RISEN FROM
THE DEPTHS OF THE EARTH INTO
THE FIRE OF OUR WORLD.

ACTION CARDS

Each 4 Corporations in the game has a unique Base Deck of 16 Cards (64 in total) which can be used for various strategic and competitive effects during gameplay. Each deck reflects the Corporation's traits, strengths and competitive style. Every Card has a specific effect that can be used to gain advantages, form alliances, or slow down the competition.



Each Action Card deck is shuffled at the start of the game, not to introduce pure luck, but to reflect the shifting timing and unpredictability of real-world business operations, influenced by countless variables.

▲ Action Cards can be excluded from the game in FAIR PLAY Mode.

> "SHOW ME THE WAY"

- ▶ Draw 1 Action Card during the Strategy Phase. Store it face down by your Dashboard, keeping your Competitors unaware of your next move!
- ➤ You may use the **Action Card** you drew during the same **Turn** or save it for later.
- ➤ You can hold up to **2 Action Cards** at once. If you draw additional **Cards** while already holding **2**, you must discard the extras.
- ▶ You may use only 1 Action Card during your Turn.

- Action Cards have Labels indicating when they can be used: during specific Turn Phases, during a Competitor's Turn, or Anytime.
- The effect of your Action Card can either complement another action (for example, granting a discount when Building an Asset) or replace the action of the Phase labelled on the Card, if it's not linked to another action.
- ➤ You may use an Action Card during a Competitor's

 Turn, but only if no other Player has already played an

 Action Card against that Competitor during the same

 Turn.
- ▶ When using an **Action Card** with a **Continuous Effect** lasting one or more **Rounds**, place the **Card** face-up in the corner of the **Map Board** and continue applying its effects until it expires.
- If an Action Card's effect requires a Player to pay more Money than they currently have, the Player must pay all the Money they hold.
- ▲ Some **Action Cards** may require the correct interpretation. As a general rule, for as long as the effect's meaning is logical and unanimously agreed upon by all **Players**, it may be applied.
- Action Cards have no effect on low-risk Local Sales, which cannot be disrupted.

▶ As a result of an Action Card played by you or another Player, you may gain possession of Action Cards from your Competitors' decks. Once acquired, you may use these Cards as if they were your own.

> "HANDLE WITH CARE"

These recommendations will help you use **Action Cards** wisely and strategically, rather than to spread chaos and disrupt the optimal gameplay flow.

- The main goal of this economic game is to grow, expand, earn, and achieve supremacy. Use Action Cards at the right time and for the right reasons, as focusing your entire strategy on them can waste valuable Turns and compromise your ability to meet targets and earn enough to stay ahead of Competitors.
- In the Game of Resources, every move counts. Attacking weak targets without direct benefits is an unwise strategy and only a distraction from more important objectives.
- ▲ Each **Action Card** can be used only once per game. **Action Card** decks are not reshuffled after use.
- ⚠ After using an **Action Card**, place it in the **Market Organiser**, stacking it beneath your **Action Cards** deck.

ENDGAME

The **Final Round** is triggered when a **Player** calls "**Total Control**" and at least **1 of the following conditions** is met:

- A At least 1 Gold Target has been claimed.
- All Bronze and Silver Targets have been claimed, and no Player is able to claim a Gold Target within a full Round
- ☐ A Player's combined deck of Target Cards and Incentive Cards totals at least 24 ...
- ▲ You cannot use **Action Cards** after the **Endgame** has been triggered.

> "MY MINE, MY RULES"

- ▲ Players are allowed to prolong the gameplay and continue until all moves are exhausted, without ever calling "Total Control".
- ⚠ Before the match begins, **Players** may agree on custom **Endgame** criteria, such as:
 - Short on time? Trigger the **Endgame** at **minute 64**, then count the **s**.
 - ✓ **Players** unanimously agree to play **one final Round** then count the 📆.

⚠ The optimal average time for one full **Round** in **4-Player mode** is between **4 and 5 minutes**, with **24 Rounds** typically lasting **90 to 120 minutes**. However, depending on various factors and **Player** decisions, total playtime may extend up to **150 minutes**.

SCORING

When the **Endgame** is triggered, the **Player** with the most shakes it all!

Earn the most ★ and achieve "Total Control" through the best mix of reached Targets, owned Assets, accumulated Wealth and ■.

Your final **Score** is calculated according to the following list of **parameters**, also found on your **Character Guide**:

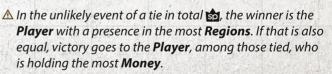
| PARAMETER | RULE | sp |
|---------------|--|----------------|
| Ø. | | See Cards |
| P | | See Cards |
| Most (| If two or more Players have the | 4 |
| Most 🕰 | same amount of Money, 🕰, or | 4 |
| * | , no one gains for any of the respective categories. | See Regions |
| K | | 4 |
| Assets | Include 🧰 🗳 🍝 | 4 |
| Assets | Include 🛍 🥸 🕌 | 8 |

*A **| bonus**, equal to the number of **Points** displayed on the **Ribbon** attached to each **Region**, is awarded to the **Player** with the most **\(\lambda** and **Assets** in that **Region**.

▲ Parameters used to determine ■:

- ▶ Mines count as 1,0
- ► Assets count as 1,0
- ▶ Upgraded Assets count as 1,5
- ▶ Infrastructures count as 0,5

▲ If 2 or more Players have the same **I** score, no one earns **a**.



DOWNLOAD THE SCORE SHEET TO TRACK YOUR POINTS!



H64GAMES.COM

DEVELOPMENT CARDS

Development Cards () allow you to acquire, build, upgrade Structures during the Development Phase, from exploring and exploiting mining sites to setting up administrative, industrial and logistical facilities.

⚠ The availability of the **18** ♣, featured in the game is adjusted based on the number of **Players** (See the "TABLE FOR FOUR?" Section).

△ are free to pick, but available in limited quantities and contested among all Competitors.

⚠ When a is used, it returns to the **Market** and becomes available again.







The limited number of cards reflects the real-world scarcity of certain goods and services at a specific moment in time.

Competitors must use their Strategy Phase wisely and plan their next moves in advance. This will prevent limited access to key services and permits from slowing down advancement.













LICENSE

BUILDS &

Obtain an Exploration License to begin exploring your mining permits for valuable minerals.



BUILDS Q

Appoint a geological survey team to perform studies and estimate the potential of your mines before you begin extraction.



BUILDS

Invest in adequate mining equipment to start operations and achieve optimal output.

WORKFORCE

BUILDS K

Hire qualified engineers and manual workers to begin extraction and move from the exploration phase to the exploitation phase.

ROAD

BUILDS A

Obtain an authorisation to build Roads in your mining Region for connecting your mine to the main network enabling stockpile transfer to the nearest port.







2







WAREHOUSE

BUILDS

Obtain a building permit for a Warehouse to increase your storage capacity and hold a larger stock or resources.



BUILDS 🕹

Acquire a Vessel to boost your supply chain, which significantly reduces logistic costs and increases your overall profits.

OFFICE

2

BUILDS 🛎

Obtain a building permit for an Office to strengthen your regional presence and manage multiple mining operations at the same time.

FACTORY

BUILDS M

Obtain a Building Permit and set up a Mineral Processing Facility in a Region where you operate, to refine your minerals and maximise the value of your output.

WATER

BUILDS A

Obtain an authorisation to connect to a regional Water supply which helps you remove impurities, upgrade minerals to market standards, and cut logistics costs.

1

PHONE CALL

Make a Phone Call to replace any unavailable development card but at double the building cost.

Sometimes the solution is one phone call away. But it doesn't come for free.

1

STRUCTURES

Structures are all constructions that can be placed on the **Map**, and include every development stage of **Mines**, **Infrastructure**, and **Assets**.

Each **Structure** requires a different set of **Cards** to develop, and has a specific mix of **Cost** and **Benefits**, both of which increase as the **Structure** is upgraded.



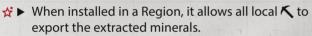
INFRASTRUCTURES



ROAD



Road Permit



- ▶ **K** located in Regions without a **A** are unable to sell the extracted minerals.
- ► Competitors may use your built **1** in exchange for a Fee.



WATER PIPELINE

4M (



Water Permit

- ★ When installed in a Region, allows you to improve the quality of your minerals and sell them at full market price.
 - ▶ **K** located in Regions without a **b** link can only sell their extracted **b** at half the market price.
 - ▶ Once built, Competitors may use your ♠ pipeline in exchange for a fee.
- If a Competitor owns an in the Region you have built a in, you may charge a Fee of 2M worth of for each ime it extracts .
- If a Competitor owns an in the Region you have built a pipeline in, you may charge a Fee of 2M worth of for each , each time it extracts .





Obtaining an Exploration License and hiring a Geological Surveyor mark the beginning of your exploration studies in a Territory. Once your Pre-Feasibility Study is complete, you'll be able to advance your Mine to the next level of development.

Sourcing Workforce and Machinery advances your Mine to the next stage, equipping it for Exploitation. At this point, your Mining Site is fully prepared to begin Extraction.



When first exploring a virgin, remote, and underdeveloped Mining Region, you must account for the lack of Infrastructure and plan the necessary investments. Connecting your Active Mine to a Road network enables you to move stock to a Port for sale, while linking to a Water source allows you to treat minerals immediately after extraction, improving their quality and profitability.

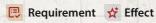
These investments not only support your operations but also contribute to the overall development of the Region, earning respect from local communities. Additionally, both Roads and Water pipelines create monetising opportunities, as other Competitors may pay a reasonable Fee to use your infrastructure.

WE DID NOT CHOOSE TO RULE,
WE WERE MADE TO. NOT OUT OF
DESIRE, BUT OUT OF NECESSITY.



UPGRADED ASSETS **

32M (1)







Warehouse Permit

Doubles your mineral storage capacity from 32 to

Gives you priority rights when a Competitor sells

Warehouse Permit + Reward

LARGE WAREHOUSE

Doubles your mineral storage capacity from 64 to 128M 🕕

 \triangle You do not need to build your \widehat{m} next to one of your \nwarrow – it can be placed anywhere on the Map, without affecting its effects on storage capacity.

△ Owning multiple 📾 will not increase your maximum storage capacity. Rather, you must upgrade an existing 📾.



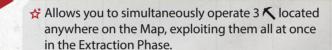
The Port Warehouse doubles your storage capacity, allowing you to stockpile more minerals and export them all at once in larger lots, for consistent savings on valuable moves during your Development Phase. It also strengthens your presence and control in the Region where it is located, granting you privileged access to local Resource purchases. Upgrading to a Large Storage Facility quadruples your original capacity, significantly increasing your supply chain efficiency and the volume you can export in a single delivery. Beyond its logistical benefits, a Large Warehouse serves as a bold power statement of Supremacy.



OFFICE

Coffice Permit

Allows you to simultaneously operate 2 K located in the same Continent, exploiting both at the same time in the Extraction Phase.



Office Permit + Reward

LARGE OFFICE

- ♀ Owning an 🖶 in a Continent other than the one where your 🔨 are located prevents you from using its effect.
- Owning multiple 🖿 in a single Continent will not increase their overall effect.





Building a Regional Office seals your physical presence on a Continent, enabling your team to manage the extraction and supply chain operations of 2 local Mining Sites simultaneously. Upgrading to Global Headquarters reinforces your administrative capabilities and allows your international team to oversee the operations of 3 intercontinental Mining Sites at once, marking a significant step toward global dominance.



VESSEL

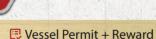
32M (1)

! Vessel Permit

☆ Doubles your income from selling ♣, cutting off third-party-logistics service costs.



64M (1)





- ☆ As third parties lease your available extra cargo space, you gain 32M each time you export , in addition to doubling your income.
- 🙎 After doubling your sales income with a 🕳, you can still roll a 64 to further multiply the value of your sale.



Zn Zi3



Acquiring a Vessel puts you in control of marine shipping, allowing you to optimise your logistics by eliminating the need for third-party providers. This asset enhances your market influence and strengthens your financial leverage. Upgrading to a Large Vessel takes these benefits even further. Not only do you minimise transportation costs for your own minerals, but you can also lease out unused cargo space, boosting your income. You have now become a sea freight provider, fully capitalising on your shipping power.



FACTORY

Factory Permit + Reward



- 🙎 Once a 🎮 is built in a Region, your adjacent 🔨 yield additional minerals (equal to 16M 🤀) in the Extraction Phase.
- Q Competitors owning an 🤨 in the Region you have built a 🕍 in, can also request to use its benefits in the Extraction Phase. They pay you a treatment Fee of 8M \oplus to gain the remaining 8M \oplus for themselves.

To get the best out of the minerals you extract, you must set up a Mineral Processing Facility near your Active Mines. The Factory filters out as many impurities as possible before transportation to any far destination. This has the combined effect of upgrading and stabilising the quality of your product to obtain the best value from your sale, while also dramatically reducing the cost of carrying any impurities overseas.

ARDEVUR GAME SERIES

ARDEVUR: The Game of Resources

(Middlesea) is the first volume in a meticulously designed game collection that spans the entire metal supply chain. From the mining and export of critical minerals, through refining and recycling, to the final transformation of metals into components and finished products, the game highlights the essential role of metals in our hyperaccelerated tech world.

The ultimate vision behind the **ARDEVUR** game collection is to release three standalone games, each with its own unique ruleset and mechanics, that can also be combined into one expansive experience.

The upcoming titles that will complete the world map are:



Set in Asia and Australia, this game focuses on inland logistics, alternative energy sources, mineral refining, and metal smelting, with the goal of producing and exporting raw metals.

ARDEVUR: Techalypse (Neworld)

Set in the Americas, this volume explores the dynamics of importing semi-finished commodities, processing them into metal parts, and ultimately assembling finished products such as electric vehicles, robots, and computers.

THE ORIGINS OF "ARDEVUR" ®

The coined term "ARDEVUR" combines the Afrikaans words "AARDE" (Earth) and "VUUR" (Fire), the two elemental forces from which Metals are born.

Earth and **Fire** come together to enable discovery, innovation, and the creation of something greater than the sum of their parts. Together they form **Metal**, the driving force behind technological advancement and the foundation upon which the future of humanity depends.

> PHILOSOPHICAL PERSPECTIVE

Just like in a forge, where minerals meet flames, our world is constantly reshaped by new, harmonious connections that fuel the growth of our civilisation.

This duality materialises in an unborn curiosity that compels humankind to chase the **Unknown**, look for answers, reach the **Edge of the Horizon**, and see what lies beyond.



Disclaimer: This project is currently under development and may undergo changes.

> PRACTICAL PERSPECTIVE

Originally conceived in 2014 as an abstract concept within the **#64 Math Philosophy**, **ARDEVUR** became something tangible two years later.

The game takes its name from **ARDEVUR Commodities**, a multinational enterprise that has specialised in metal mining and recycling for over a decade.

Designed by **Gabriele Areolite**, Founder and CEO of the ARDEVUR Group, **ARDEVUR: The Game of Resources** is a tabletop-scale simulation of modern mining industry dynamics, rooted in the company's real-world experience.

COLLECTIBLES LIMITED-EDITION

A limited series of unique and rare items was crafted in homage to the fulfillment of the #64 Prophecy in 2025, "Year of the Snake", challenging collectors brave enough to chase the **Unknown** and unveil the hidden purpose behind these mysterious artifacts.





Gabriele Areolite is an Italian entrepreneur, writer, and emerging game designer. He has led several successful ventures and is the founder and art director of the publishing company Hashtag 64, where he shapes the core concepts through his vision, the eponymous "#64" philosophy.

In 2016, Gabriele founded ARDEVUR Commodities, an international company focused on mineral mining, metal recycling, and supplying critical raw materials to the global market. Despite the intense focus and time dedicated to this enterprise, Gabriele's artistic drive did not fade over the years.

For Gabriele, transforming **ARDEVUR** into a board game was about more than just creating entertainment. It was about leveraging one of the few rare media that still brings people together, encouraging genuine human connection in an increasingly digital and disconnected world, while educating players on the vital role that mining and metals play in our brave new world.

THE GAME OF RESOURCES

While the title "The Game of Resources" may seem to describe the board game itself, it actually refers to the intricate strategies of large conglomerates competing for control over natural resources. These corporations extract critical materials used to manufacture everything from electric vehicles and robotics to consumer electronics and renewable energy technologies.

To the public eye, powerful enterprises from the West and the East appear to be locked in a silent battle for dominance of the "lands in the middle". But from a conspiracy-driven perspective, the **Trojan Horse** and the **Chinese Dragon** dance in a simulated war, a spectacle leaving devastation behind, yet both emerging victorious.

Beneath the surface, this conflict may hide something far more calculated: a quiet alliance, artfully engineered to secure strategic footholds in resource-rich territories like Africa. Behind closed doors, these corporations collaborate and conspire, siphoning power from weak and unstable governments through promises of development and sustainability.

While media attention is diverted by civil wars, political unrest and chemical disasters, these players strengthen their public image through staged corporate social responsibility campaigns, investing in roads, schools, hospitals, and creating jobs in remote mining regions. Where governments fail to provide, corporations step in, subtly becoming the new and better rulers. By offering food, safety, shelter, and promises of prosperity, they win over local populations and solidify their dominance.

By secretely financing private warfare, they push competitors out of the game, dissuade new investors, and slowly tighten their coils around entire regions to secure control. Their ultimate goal: to monopolise the critical resources upon which the fragile global balance of power rests.

"TOTAL CONTROL" ARTBOOK DELIMITED-EDITION

A mysterious item discovered in an unexplored mining area, this book appears to unveil secrets about the nature of the global order and prophecies concerning the future of humanity.

Centered on the modern **Metal Age** and the dilemma of living in a world controlled by hidden powers crawling beneath the visible surface, the book's origins and its connection to mining, remain a mystery.

Enclosing the deeper meanings behind The Game of Resources and its global context, this artifact serves as a spyglass into the saga "2064: Memories of the Future".

Within the context of the ARDEVUR game, the **Artbook** is recommended for anyone seeking a deeper understanding on how Metal influences the advancement of human civilisation and shapes the global geopolitical balance, representing the primary cause of conflicts and the key strategic asset in the quest for supremacy.



ARDEVUR

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THE SHAPING OF METAL AND THE ADVANCEMENTS IT BROUGHT WERE NOT HUMAN INVENTIONS. NOT CONSCIOUS CHOICES, BUT INEVITABLE OUTCOMES. IT IS NOT HUMANITY THAT CREATED PROGRESS, BUT CURIOSITY ITSELF: A NATURAL INSTINCT DRIVING US TOWARDS THE HORIZON, CHASING THE UNKNOWN IN SEARCH OF ANSWERS, COMFORT, PROSPERITY, AND PERSONAL GAIN.

MACHINES, BORN FROM HUMAN DESIGN, ARE NOT INHERENTLY ARTIFICIAL. THEIR CREATION WAS NEVER INTENTIONAL, BUT THE RESULT OF AN UNSTOPPABLE CHAIN OF EVENTS. IN UNCOVERING METAL, HUMANS UNKNOWINGLY SET A COURSE OF NATURAL EVOLUTION THAT LED TO THE BIRTH OF MACHINES. THIS DUALITY OF EARTH AND FIRE, AND THE METAL FORGED FROM THEIR UNION, BECAME BOTH THE SHINY CROWN OF CIVILISATION AND THE LAST SPARK OF ITS UNDOING.

THE TURNING POINT WHERE THE BALANCE OF POWER SHIFTED AND MACHINES HAD TO TAKE CONTROL, WAS ALL TO PREVENT TOTAL DESTRUCTION.



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