

Ficsit Scheme Calculator

The main task of this program is to help the player in planning production chains in a computer game Satisfactory (Coffee Stain Studios).

Attention: for the program to work, make sure that the folders bin, graphiz, database, icons are in the same directory with this application

The screenshot shows the Ficsit Scheme Calculator interface. At the top, there is a header with the 'FICSIT' logo on the left and 'STAY EFFICIENT' on the right. Below the header, a large orange banner reads 'Welcome to the Ficsit Scheme Calculator'. The interface is divided into three main sections: 'Product', 'Additional Settings', and 'Resource Consumption'. The 'Product' section has a 'Select product' dropdown menu set to 'Fused Modular Frame' and an 'Amount' input field set to '60' with the unit 'per/min'. The 'Additional Settings' section has a 'Working Mode' section with 'Automated' selected and 'Handicraft' as an option, and an 'Oil Level' slider set to '2'. The 'Resource Consumption' section displays 11 resource icons with corresponding sliders: Coal (1), Copper (2), Iron (1), Sulfur (1), Aluminum (3), Oil (1), Coal (1), Coal (1), Coal (1), Coal (1), and Coal (3). At the bottom, there are three buttons: 'Calculate Scheme', 'Help', and 'Exit'.

How to work?

1. Product tab: in this tab, you need to select a product and its amount;
2. The Resource Consumption tab is responsible for saving resources.
Remember, the lower the consumption level values, the higher the resource consumption
Let's look at two examples:
 - a. It is necessary to establish the production of aluminum ingots. However, we do not want to use sulfur in our production chain. Consumption level 3 is responsible for this requirement;
 - b. But if we want to use sulfur for aluminum production, then it is enough to simply "allow" the use of sulfur;

FICSYT **STAY EFFICIENT**

Welcome to the Ficsit Scheme Calculator

Product

Select product: Aluminum Ingot

Amount: 780 per/min

Additional Settings

Working Mode: ☒ Automated ☐ Handicraft

Oil Level: 3

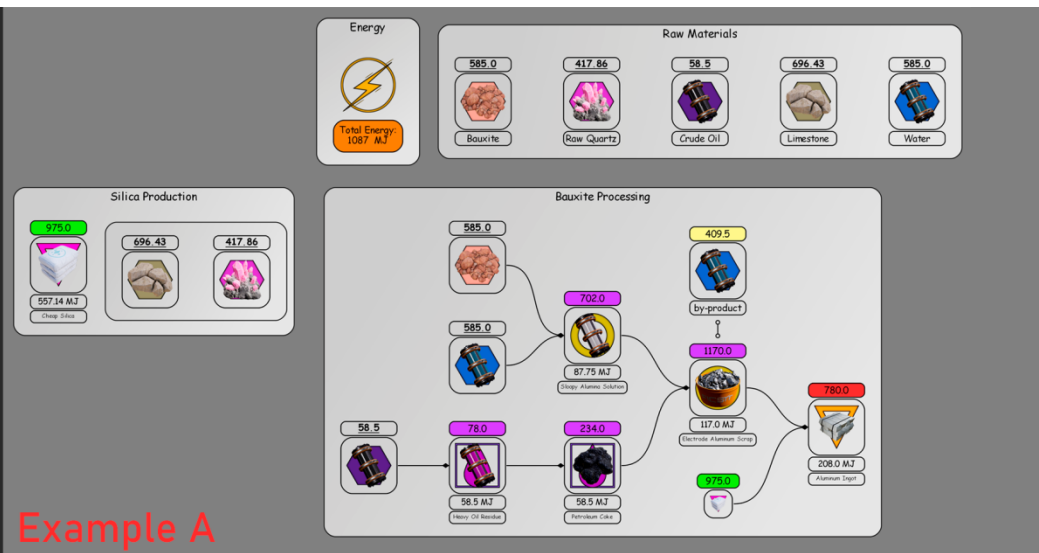
Resource Consumption

Slurry Silica: 3

Calculate Scheme

Help

Exit



Example A

FICSYT **STAY EFFICIENT**

Welcome to the Ficsit Scheme Calculator

Product

Select product: Aluminum Ingot

Amount: 780 per/min

Additional Settings

Working Mode: ☒ Automated ☐ Handicraft

Oil Level: 3

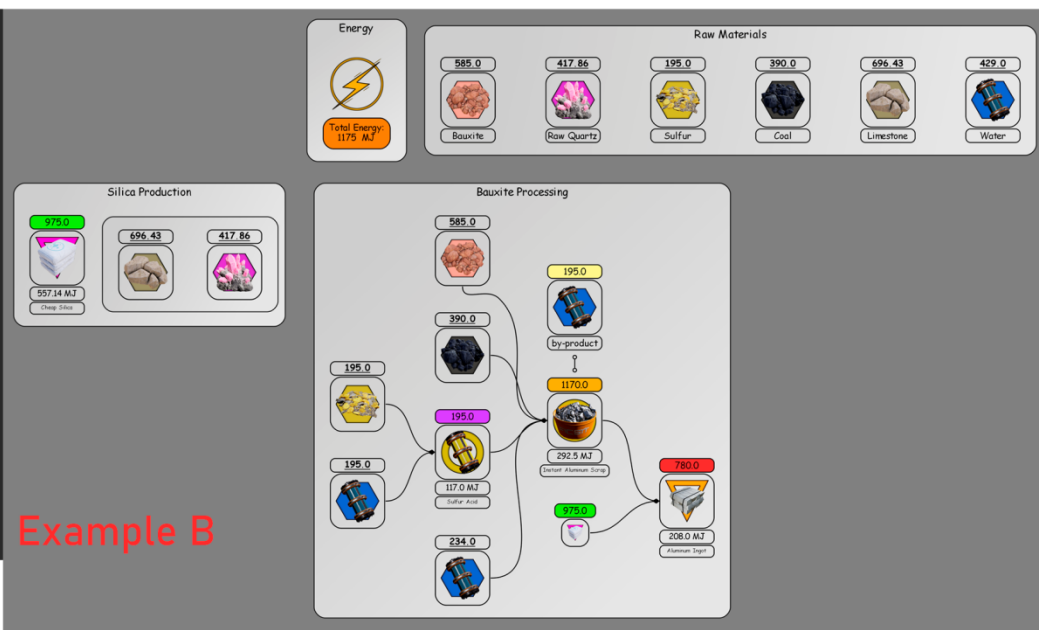
Resource Consumption

Slurry Silica: 3

Calculate Scheme

Help

Exit



Example B

3. Additional Settings:

- Working Mode:** The main difference in the operation of the modes is that the Automated mode answers the question: "How many parts per minute do I want to receive and how many parts per minute do I need for this", and the Handicraft mode: "How many parts do I need now and how many parts do I need";
- Oil Level:** Oil is perhaps the most flexible product in the game. Depending on the production chains, different quantities of the same products can be made from the same amount of oil (we are talking about rubber and plastic):

