

In amino acids, RNA and DNA,
Hard to get.

Used in:

- Heme
- Nucleic Acid
- Chlorophyll
- Amino Acids

Nitrogen Fixing

Cannot use N_2 (*nonreactive nitrogen*) in the air. We need to somehow “fix” it.

Half from Bacteria | Biological

- Diazotrophs
 - Symbiotic bacteria in the soil
 - Nitrogenase!

Half from industrial nitrogen fixation | Industrial

- Haber-Bosch process
 - Invented by the same guy who invented poison gas / chemical weapons
 - Without it, we wouldn't be able to feed around a third of the current population.