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1 Types of Eclipses (Source: The Indian Express)

Solar Eclipses: *Solar eclipses happen on New Moon day when the Moon's shadow falls on Earth.*

- **Total Solar Eclipse**
  - Sun, Moon, and Earth are almost perfectly aligned.
  - Moon completely covers the Sun's disk for observers in the path of totality.
  - Only the faint solar corona is visible.
  - Visible only from a narrow strip on Earth.
- **Annular Solar Eclipse**
  - Alignment is similar to a total eclipse, but the Moon is near apogee (farthest from Earth).
  - Moon's apparent size is smaller than the Sun's.
  - A bright ring of sunlight remains visible around the Moon – the "Ring of Fire".
  - No total darkness; corona is not fully visible.
- **Partial Solar Eclipse**
  - Sun, Moon, and Earth are not perfectly aligned.
  - Only a part of the Sun is covered by the Moon.
  - Appears as if a "bite" is taken out of the Sun.
  - Visible over a wider area than total/annular eclipses.

Lunar Eclipses: *Lunar eclipses occur on Full Moon day when Earth's shadow falls on the Moon.*

- **Total Lunar Eclipse**
  - Entire Moon passes through Earth's umbra.
  - Moon often appears reddish ("Blood Moon") due to Rayleigh scattering of sunlight through Earth's atmosphere.
  - Visible from the entire night side of Earth.
- **Partial Lunar Eclipse**
  - Only a part of the Moon enters Earth's umbra.
  - A dark "bite" is seen on the Moon's disk; rest remains bright.
  - More common than total lunar eclipses.
- **Penumbral Lunar Eclipse**
  - Moon passes only through Earth's penumbra, not the umbra.

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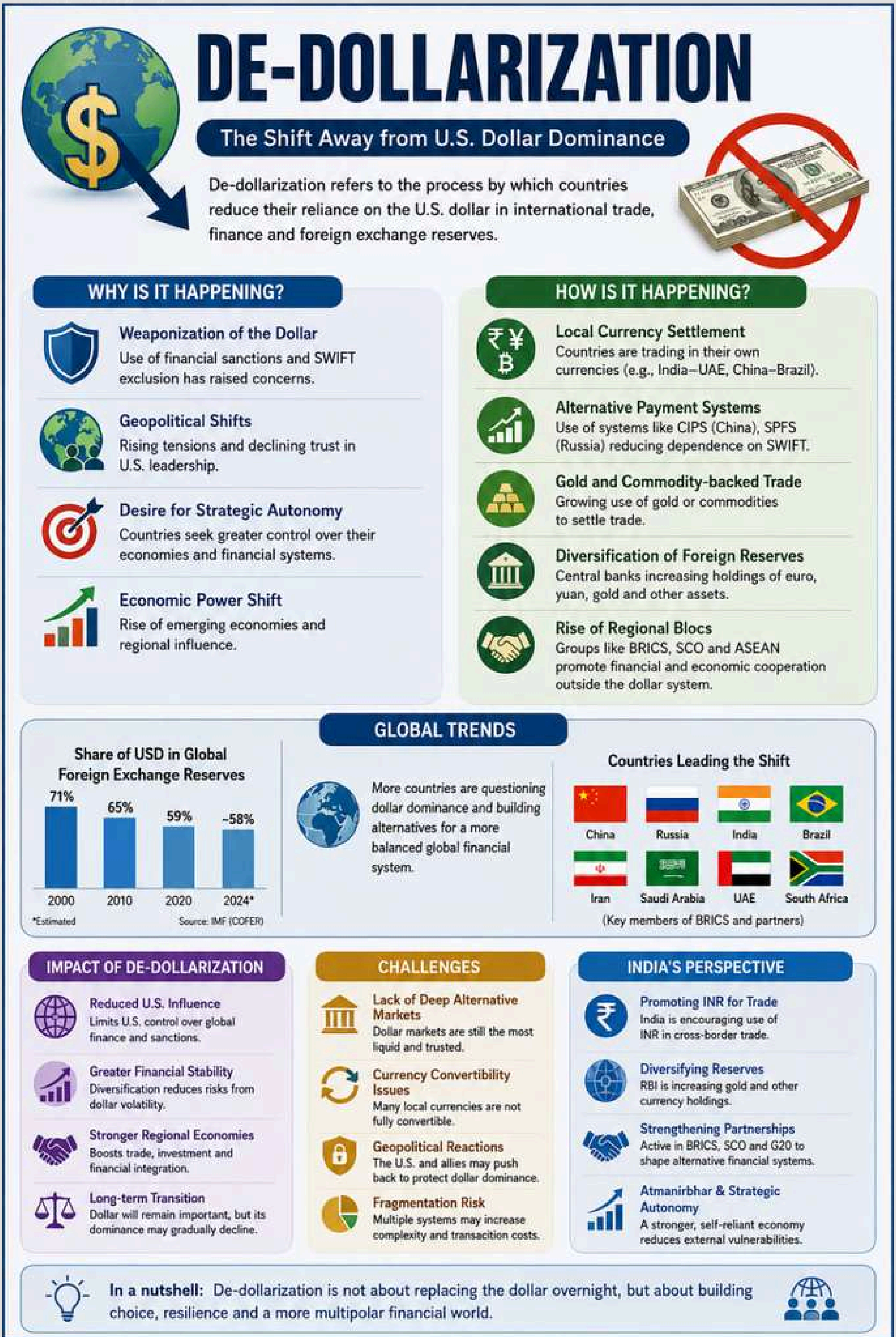
2 De-Dollarization (Source: The Hindu)



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3 Cloud Seeding (Source: The Hindu)